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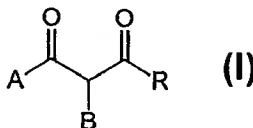
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(54) Title: DERIVATIVES OF 1,3-DIONES HAVING A HERBICIDAL ACTIVITY



(57) Abstract: A description follows of 1,3-diones having general formula (I): together with their use as herbicides for the control of weeds in agricultural crops.

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DERIVATIVES OF 1,3-DIONES HAVING A HERBICIDAL
ACTIVITY

The present invention relates to derivatives of
1,3-diones having a herbicidal activity.

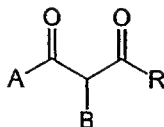
5 The invention also relates to processes for the
preparation of the above derivatives of 1,3-diones
and their use as herbicides for the control of weeds
in agricultural crops.

Various derivatives of 1,3-diones substituted in
10 position 1 and 2 by aromatic and/or heteroaromatic
groups are described in J. Indian.Chem.Soc. (1961),
vol. 38, pages 343-345, J. Org. Chem. (1962), vol.
27, pages 1899-1901 and Tetrahedron (1963), vol. 19,
pages 413-418.

15 A herbicidal activity has never been described
for any of these compounds.

The Applicant has now surprisingly found that
derivatives of 1,3-diones, in which the substituents
in position 1 and 2 represent suitably substituted
20 aryl, heteroaryl or heterocyclic groups, have a high
herbicidal activity with respect to weeds in crops of
agrarian interest.

An object of the present invention therefore
relates to derivatives of 1,3-diones having general
25 formula (I):



5

(I)

wherein:

- A represents:

an aryl group optionally substituted by one or more
substituents selected from halogen, NO₂, CN, CHO, OH,
10 linear or branched C₁-C₆ alkyl, linear or branched C₁-
C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear
or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆
alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆
alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆
15 haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy
optionally substituted with a group selected from C₁-
C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆
20 alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂
dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂
dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆
haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆

- haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
5 C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
C₈ haloalkenyloxyiminoalkyl, C₃-C₈
alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
10 cycloalkylideneiminooxyalkyl, C₆-C₁₂
dialkylideneiminooxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
-SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
-NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
-PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
15 -(CR₂₄R₂₅)_pQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
-(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
-Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
or it represents a heterocyclic group selected from
pyridyl, pyrimidyl, quinolinyl, pyrazolyl, thiazolyl,
20 oxazolyl, thienyl, furyl, benzothienyl,
dihydrobenzothienyl, benzofuranyl,
dihydrobenzofuranyl, benzoxazolyl, benzoxazolonyl,
benzothiazolyl, benzothiazolonyl, benzoimidazolyl,
benzoimidazolonyl, benzotriazolyl, chromanonyl,
25 chromanyl, thiochromanonyl, thiochromanyl, 3a,4-

dihydro-3*H*-indeno[1,2-*c*]isoxazolyl, 3*a*,4-dihydro-3*H*-
 chromeno[4,3-*c*]isoxazolyl, 5,5-dioxide-3*a*,4-dihydro-
 3*H*-thiochromeno[4,3-*c*]isoxazolyl, 2,3,3*a*,4-
 tetrahydrochromeno[4,3-*c*]pyrazolyl, 6,6-dioxide-2,3-
 5 dihydro-5*H*-[1,4]dithiino[2,3-*c*]thiochromenyl, 5,5-
 dioxide-2,3,3*a*,4-tetrahydrothiochromeno[4,3-
c]pyrazolyl, 1',1'-dioxide-2',3'-dihydrospiro[1,3-
 dioxolano-2,4'-thiochromen]-yl, 1,1,4,4-tetraoxide-
 2,3-dihydro-1,4-benzodithiin-6-yl, 4,4-dioxide-2,3-
 10 dihydro-1,4-benzoxathiin-7-yl, 1,1-dioxide-3-oxo-2,3-
 dihydro-1,2-benzoisothiazol-5-yl, 4-(alkoxyimino)-
 1,1-dioxide-3,4-dihydro-2*H*-thiochromen-6-yl, 1,1-
 dioxide-4-oxo-3,4-dihydro-2*H*-thiochromen-6-yl, 2,3-
 dihydro-1,4-benzoxathiin-7-yl,
 15 with said groups optionally substituted by one or
 more substituents selected from halogen, NO₂, CN,
 CHO, OH, linear or branched C₁-C₆ alkyl, linear or
 branched C₁-C₆ haloalkyl, linear or branched C₁-C₆
 alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆
 20 cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl,
 C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl,
 C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy
 25 optionally substituted with a group selected from C₁-

C_4 alkoxy or C_1-C_4 haloalkoxy, C_2-C_6
 alkylthioalkoxy, C_2-C_6 haloalkylthioalkoxy, C_3-C_{12}
 dialkoxyalkyl, C_3-C_{12} dialkylthioalkyl, C_3-C_{12}
 dialkylthioalkoxy, C_3-C_{12} dialkoxyalkoxy, C_2-C_6
 5 haloalkoxyhaloalkoxy, C_3-C_{10} alkoxyalkoxyalkyl, C_2-C_6
 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkenyloxy, C_2-C_6
 haloalkenyloxy, C_3-C_8 alkenyloxyalkoxy, C_3-C_8
 haloalkenyloxyalkoxy, C_2-C_6 alkynyl, C_2-C_6
 haloalkynyl, C_2-C_6 alkynyloxy, C_2-C_6 haloalkynyloxy,
 10 C_3-C_8 alkynyloxyalkoxy, C_3-C_8 haloalkynyloxyalkoxy,
 C_3-C_{12} acylaminoalkoxy, C_2-C_8 alkoxyiminoalkyl, C_2-C_8
 haloalkoxyiminoalkyl, C_3-C_8 alkenyloxyiminoalkyl, C_3-C_8
 haloalkenyloxyiminoalkyl, C_3-C_8
 alkynyloxyiminoalkyl, C_3-C_8 haloalkynyloxyiminoalkyl,
 15 C_5-C_{10} alkoxyalkynyloxy, C_6-C_{12}
 cycloalkylideneiminoalkoxy, C_6-C_{12}
 dialkylideneiminoalkoxy, $-S(O)_mR_1$, $-OS(O)_tR_1$,
 $-SO_2NR_2R_3$, $-CO_2R_4$, $-COR_5$, $-CONR_6R_7$, $-CSNR_8R_9$,
 $-NR_{10}R_{11}$, $-NR_{12}COR_{13}$, $-NR_{14}CO_2R_{15}$, $-NR_{16}CONR_{17}R_{18}$,
 20 $-PO(R_{19})_2$, $-Q$, $-ZQ_1$, $-(CR_{20}R_{21})_pQ_2$, $-Z(CR_{22}R_{23})_pQ_3$,
 $-(CR_{24}R_{25})_pZQ_4$, $-(CR_{26}R_{27})_pZ(CR_{28}R_{29})_qQ_5$,
 $-(CR_{30}R_{31})_pZ(CR_{32}R_{33})_qZ_1Q_6$, $-Z_2(CR_{34}R_{35})_p(C=Y)T$,
 $-Z_3(CR_{36}R_{37})_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;
 - B represents a $D-(R_x)_n$ group;

- R represents a hydrogen atom, a linear or branched C₁-C₆ alkyl group, a linear or branched C₁-C₆ haloalkyl group, a C₃-C₆ cycloalkyl or C₄-C₁₂ cycloalkylalkyl group optionally substituted with halogen
5 atoms or C₁-C₆ alkyl or C₁-C₆ thioalkyl or C₁-C₆ alkoxyl or C₂-C₆ alkoxy carbonyl groups, C₂-C₆ alkenyl groups, C₂-C₆ alkynyl groups, the latter two groups, in turn, optionally substituted with halogen atoms, a C₅-C₆ cycloalkenyl group optionally substituted with
10 halogen atoms or C₁-C₆ alkyl groups, an aryl or arylalkyl group optionally substituted;
- R₁ and R₁₉ represent a C₁-C₆ alkyl group or a C₁-C₆ haloalkyl group, a C₃-C₆ cycloalkyl group, an aryl group optionally substituted by one or more
15 substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
- 20 - m is equal to 0, 1 or 2;
- t is equal to 1 or 2;
- R₂, R₃, R₆, R₇, R₈, R₉, R₁₀, R₁₁, R₁₇ and R₁₈, the same or different, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally
25 substituted with halogen atoms, a C₁-C₆ alkoxyl

- group, a C₃-C₆ cycloalkyl group, an arylalkyl group or an aryl group, said arylalkyl and aryl groups also optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or
- 5 branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl, or they jointly represent a C₂-C₅ alkylene group;
- 10 - R₄, R₅ and R₄₂ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms, a Q₇ group, an arylalkyl group optionally substituted
- 15 by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
- 20 - R₁₂, R₁₄ and R₁₆ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ cycloalkyl group, a C₁-C₆ alkoxy group, a C₁-C₆ haloalkoxy group;

- R₁₃ and R₁₅ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms, a Q₇, NH₂, NHCN, NHNH₂, NHOH group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxyCarbonyl;

- R₂₀, R₂₁, R₂₂, R₂₃, R₂₄, R₂₅, R₂₆, R₂₇, R₂₈, R₂₉, R₃₀, R₃₁, R₃₂, R₃₃, R₃₄, R₃₅, R₃₆, R₃₇, R₃₈, R₃₉, R₄₀ and R₄₁, the same or different, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₁-C₆ alkoxy group, or the two groups attached to the same carbon atom can be joined to each other by C₂-C₅ alkylene groups, the alkylene groups can in turn be substituted with C₁-C₃ alkyl groups;

- Q, Q₁, Q₂, Q₃, Q₄, Q₅, Q₆ and Q₇ represent an aryl group, a C₃-C₆ cycloalkyl group, a C₅-C₆ cycloalkenyl group, a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl, tetrazolyl, tetrazolonyl, isoxazolyl, furyl, thienyl,

pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl,
 pyrimidinyl, pyrimidinonyl, pyrazinyl, pyridazinyl,
 oxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl,
 isothiazolyl, benzoxazolyl, benzothiazolyl,
 5 isoxazolinyl, 1,3-dioxanyl, 1,4-dioxanyl, 1,3-
 dioxolanyl, tetrahydropyranyl, oxethanyl, oxyranyl,
 thiazolidinyl, oxazolidinyl, piperidinyl,
 piperidinonyl, piperazinyl, morpholinyl, thiazinyl,
 tetrahydrofuranlyl, dioxazolyl,
 10 tetrahydrofuroisoxazolyl, 2-oxa-3-
 azabicyclo[3.1.0]hex-3-enyl,
 said groups optionally substituted by one or more
 substituents selected from halogen, NO₂, OH, CN, CHO,
 linear or branched C₁-C₆ alkyl, linear or branched C₁-
 15 C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear
 or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆
 alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆
 alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆
 haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 20 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy
 optionally substituted with a group selected from C₁-
 C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆
 alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂
 25 dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂

- dialkylthioalkoxyl, C₃-C₁₂ dialkoxyalkoxyl, C₂-C₆
haloalkoxyhaloalkoxyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
5 haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
10 C₈ haloalkenyloxyiminoalkyl, C₃-C₈
alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
cycloalkylideneiminooxyalkyl, C₆-C₁₂
dialkylideneiminooxyalkyl, aryl optionally
15 substituted, -S(O)_mR₁, -OS(O)_tR₁, -SO₂NR₂R₃,
-CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉, -NR₁₀R₁₁,
-NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈, -PO(R₁₉)₂,
-Z₂(CR₃₄R₃₅)_p(C=Y)T, -Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
- Z, Z₁, Z₂ = O, S(O)_r;
20 - Y = O, S;
- r is equal to 0, 1 or 2;
- p, q are equal to 1, 2, 3 or 4;
- v is equal to 0 or 1;
- Z₃ = O, S or a direct bond;

- T represents a hydrogen atom, a Z_4R_{42} group, a $-NR_{43}R_{44}$ group, an aryl group or a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl, tetrazolyl, tetrazolonyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl, pyrimidinyl, piperidinyl, piperidinonyl, piperazinyl, morpholinyl, said groups optionally substituted by one or more substituents selected from halogen, NO_2 , OH, CN, CHO, linear or branched C_1-C_6 alkyl, linear or branched C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_5-C_6 cycloalkenyl, linear or branched C_1-C_6 alkoxy, linear or branched C_1-C_6 haloalkoxy, C_1-C_6 cyanoalkyl, C_2-C_6 alkoxyalkyl, C_2-C_6 alkylthioalkyl, C_2-C_6 alkylsulfinylalkyl, C_2-C_6 alkylsulfonylalkyl, C_2-C_6 haloalkoxyalkyl, C_2-C_6 haloalkylthioalkyl, C_2-C_6 haloalkylsulfinylalkyl, C_2-C_6 haloalkylsulfonylalkyl, $-S(O)_mR_1$;
- $Z_4 = O, S$ or a direct bond;
- R_{43} and R_{44} , the same or different, represent a hydrogen atom, a linear or branched C_1-C_6 alkyl group in turn optionally substituted with halogen atoms, a C_3-C_6 alkenyl group in turn optionally substituted with halogen atoms, a Q_7 group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO_2 , CN, CHO, linear or

branched C₁-C₆ alkyl, linear or branched C₁-C₆
haloalkyl, linear or branched C₁-C₆ alkoxy, linear
or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl,
C₂-C₆ alkoxy carbonyl, or they jointly represent a C₂-
5 C₅ alkylene chain;

- D represents:

a heterocyclic group of the heteroaryl or
heterocyclic type, in all the above cases the
heterocycle can be mono or polycyclic and can be
10 connected to the rest of the structure either through
one of its carbon atoms or, when possible, through
one of its nitrogen atoms;

or it represents a mono or polycyclic aryl group, in
this latter case, the group can also be partially
15 saturated;

- R_x represents a substituent selected from hydrogen,
halogen, NO₂, CN, CHO, OH, linear or branched C₁-C₆
alkyl, linear or branched C₁-C₆ haloalkyl, linear or
branched C₁-C₆ alkoxy, linear or branched C₁-C₆
20 haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆
alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆
alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆
haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-
C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-
25 C₆ haloalkoxyalkoxy optionally substituted with a

group selected from C₁-C₄ alkoxy or C₁-C₄
haloalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂
dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂
dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆
5 haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈
haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆
haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
10 C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy,
C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
C₈ haloalkenyloxyiminoalkyl, C₃-C₈
alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
15 C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
cycloalkylideneiminooxyalkyl, C₆-C₁₂
dialkylideneiminooxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
-SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
-NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
20 -PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
-(CR₂₄R₂₅)_pZQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
-(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
-Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
if several R_x groups are present, these can be the
25 same or different;

- n = 1-9;

excluding the following compounds having general formula (I) wherein A, B and R have the following meanings:

- 5 A=4-chlorophenyl, B=1-methylimidazol-2-yl, R=H;
A=4-nitrophenyl, B=1-(2-hydroxyethyl)-5-nitroimidazol-2-yl, R=H;
A=phenyl, B=1H-benzimidazol-2-yl, R=C₂H₅;
A=phenyl, B=4H-1-benzopyran-4-yl, R=CH₃;
- 10 A=4-nitrophenyl, B=3-(4-methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH₃;
A=phenyl, B=4-chloro-2,5-dioxo-2,5-dihydro-1H-pyrrol-3-yl, R=CH₃;
A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=C₂H₅;
- 15 A=2-hydroxy-4-methoxyphenyl, B=thiazol-4-yl, R=CH₃;
A=phenyl, B=2,5-diphenyl-1,3-oxathiol-2-yl, R=CH₃;
A=4-nitrophenyl, B=4,6-bis(dimethylamino)-1,3,5-triazin-2-yl, R=CH₃;
- 20 A=phenyl, B=furan-2-yl, R=CH₃;
A=phenyl, B=1,3-dithian-2-yl, R=CH₃;
A=phenyl, B=4-chlorothien-2-yl, R=H;
A=phenyl, B=5-bromothien-2-yl, R=H;
A=phenyl, B=5-methylthien-2-yl, R=H;
- 25 A=phenyl, B=6-phenylpyrazin-2-yl, R=CH₃;

- A=phenyl, B=3,4-dihydro-3-methyl-2-oxo-2H-1,3-benzoxazin-4-yl, R=CH₃;
- A=phenyl, B=benzothiazol-2-yl, R=CH₃;
- A=2-hydroxy-4-methoxyphenyl, B=2-phenylthiazol-4-yl,
- 5 R=CH₃;
- A=phenyl, B=5-methylfuran-2-yl, R=CH₃;
- A=phenyl, B=3-(4-methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH₃;
- A=phenyl, B=tetrahydrofuran-2-yl, R=CH₃;
- 10 A=phenyl, B=2,3-dihydro-3-hydroxy-2-oxo-1H-indol-3-yl, R=CH₃;
- A=phenyl, B=4-chloro-1-methyl-2,5-dioxo-2,5-dihydropyrrol-3-yl, R=CH₃;
- A=phenyl, B=2-trifluoroacetyl-1,2,3,4-tetrahydroiso-
- 15 quinolin-1-yl, R=C₂H₅;
- A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=CH₃;
- A=4-nitrophenyl, B=2-(4-nitrophenyl)-3,5,6-triphenylpyridin-4-yl, R=CH₃;
- 20 A=phenyl, B=4,6-bis(dimethylamino)-1,3,5-triazin-2-yl, R=CH₃;
- A=phenyl, B=4-methoxy-5-tert-butoxycarbonyl-1H-pyrro-
- 2-yl, R=CH₃;
- A=phenyl, B=1,3-dihydro-3-oxo-isobenzofuran-1-yl,
- 25 R=CH₃;

- A=phenyl, B=(5-methoxycarbonylmethyl)thien-2-yl, R=H;
A=phenyl, B=4-methylthien-2-yl, R=H;
A=phenyl, B=1,4-dihydro-1-methyl-3-nitroquinolin-4-yl, R=H;
- 5 A=phenyl, B=thien-2-yl, R=H;
A=phenyl, B=6-methylbenzothiazol-2-yl, R=CH₃;
A=2-methoxycarbonylphenyl, B=phenyl, R=CH₃;
A=2-benzyloxy-4-methoxyphenyl, B=2,3,4-trimethoxyphenyl, R=H;
- 10 A=4,5-dimethoxy-2-nitrophenyl, B=3,4-dimethoxyphenyl, R=H;
A=2-nitrophenyl, B=phenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=4-methoxyphenyl, R=H;
A=4-bromophenyl, B=phenyl, R=H;
- 15 A=4-bromophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4-chlorophenyl, B=phenyl, R=H;
A=2,4-dibenzyloxy-5-methoxyphenyl, B=1,3-benzodioxol-5-yl, R=H;
A=2,4-dibenzyloxyphenyl, B=1,3-benzodioxol-5-yl, R=H;
- 20 A=4-methoxyphenyl, B=2-carboxyphenyl, R=H;
A=4-methylphenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4-hydroxy-3-methoxyphenyl, B=4-hydroxy-3-methoxyphenyl, R=H;
A=2-nitrophenyl, B=4-methylphenyl, R=H;
- 25 A=4-chlorophenyl, B=4-chlorophenyl, R=H;

- A=2,4-diacetoxyphenyl, B=phenyl, R=CH₃;
A=3-methoxyphenyl, B=phenyl, R=C₂R₅;
A=4-nitrophenyl, B=phenyl, R=H;
A=2-nitrophenyl, B=4-n-butoxyphenyl, R=H;
5 A=2-nitro-4-chlorophenyl, B=4-methylphenyl, R=H;
A=phenyl, B=8-carboxynaphthalenyl, R=CH₃;
A=2,5-dimethoxyphenyl, B=2-hydroxyphenyl, R=C₂R₅;
A=4-fluorophenyl, B=2-nitro-4-trifluoromethylphenyl,
R=CH₃;
10 A=3-chloro-4-methylphenyl, B=2,4-dinitrophenyl,
R=CH₃;
A=2-nitro-4-chlorophenyl, B=phenyl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-methylphenyl, R=H;
A=2-carboxy-6-nitrophenyl, B=phenyl, R=CH₃;
15 A=2,4,5-trimethoxyphenyl, B=3-methoxyphenyl, R=H;
A=phenyl, B=4-bromophenyl, R=H;
A=6-benzyloxy-2,3,4-trimethoxyphenyl, B=1,3-
benzodioxol-5-yl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-methoxyphenyl,
20 R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2,4-dibenzyloxyphenyl, B=4-methoxyphenyl, R=H;
A=4-methylphenyl, B=4-methylphenyl, R=H;
A=4-dimethylaminophenyl, B=phenyl, R=H;
25 A=4-methoxyphenyl, B=phenyl, R=H;

- A=4,5-dichloro-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=phenyl, B=2,5-dimethoxycarbonylaminophenyl, R=CH₃;
A=4-hydroxy-4-methoxyphenyl, B=2-methoxyphenyl, R=H;
- 5 A=phenyl, B=4-methylphenyl, R=H;
A=2-nitrophenyl, B=4-ethoxyphenyl, R=H;
A=2-nitro-4-chlorophenyl, B=4-methoxyphenyl, R=H;
A=4-chlorophenyl, B=phenyl, R=C₂H₅;
A=2-t-butoxycarbonyl-5-ethyl-4-methoxyphenyl, B=2,3-
- 10 dihydro-7-methyl-1,4-benzodioxin-6-yl, R=t-butyl;
A=phenyl, B=2-nitro-4-trifluoromethylphenyl, R=CH₃;
A=3,4-dichlorophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=4-methylphenyl, R=H;
- 15 A=phenyl, B=anthracene-9-yl, R=CH₃;
A=phenyl, B=4-methoxyphenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=phenyl, R=H;
A=2,4-diacetoxyphenyl, B=2,4,5-trimethoxyphenyl,
R=CH₃;
- 20 A=2-hydroxyphenyl, B=phenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=phenyl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=phenyl, R=H;
A=2,4-dinitrophenyl, B=phenyl, R=CH₃;
A=phenyl, B=phenyl, R=CH₃;
- 25 A=phenyl, B=4-dimethylaminophenyl, R=H;

- A=phenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=4-methylphenyl, R=H;
A=4-bromophenyl, B=phenyl, R=CH₃;
A=2-(4-methylphenylsulfonyloxy)-6-methoxyphenyl,
5 B=phenyl, R=H;
A=4-methylsulfonylphenyl, B=2-methoxyphenyl, R=CH₃;
A=4-methoxyphenyl, B=4-methoxyphenyl, R=CH₃;
A=phenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-nitrophenyl, R=H;
10 A=phenyl, B=phenyl, R=H;
A=2,4-dimethoxyphenyl, B=4-methoxyphenyl, R=H;
A=2-nitrophenyl, B=4-n-hexyloxyphenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=phenyl, B=9-carboxyphenanthren-10-yl, R=CH₃;
15 A=phenyl, B=phenyl, R=CH₃;
A=3,4-dimethoxyphenyl, B=3,4-dimethoxyphenyl, R=H;
A=2,4-dimethoxyphenyl, B=phenyl, R=H;
A=phenyl, B=2-hydroxy-3,4,6-trimethyl-5-methoxyphenyl, R=CH₃;
20 A=4-chloro-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=3,4-dimethoxyphenyl, R=H;
A=4-chlorophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=phenyl, R=H;
25 A=4-methoxyphenyl, B=phenyl, R=CH₃;

A=2,4-dibenzyloxyphenyl, B=3,4-dimethoxyphenyl, R=H;

A=4-methylthiophenyl, B=4-methoxyphenyl, R=CH₃;

A=phenyl, B=phenyl, R=C₂H₅;

A=4-methoxyphenyl, B=2,4-dinitrophenyl, R=CH₃;

5 A=2-nitrophenyl, B=3-chlorophenyl, R=H;

A=2-nitrophenyl, B=3,4-dimethoxyphenyl, R=H;

A=4-methoxyphenyl, B=4-methoxyphenyl, R=H;

A=2-hydroxyphenyl, B=4-methoxyphenyl, R=H;

A=phenyl, B=2,5-bis(phenacylamino)phenyl, R=CH₃;

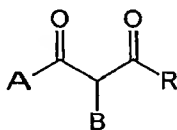
10 A=4-nitrophenyl, B=4-methylphenyl, R=H;

A=2-nitrophenyl, B=4-n-pentyloxyphenyl, R=H;

A=4-methoxy-2-nitrophenyl, B=4-chlorophenyl, R=H;

A=phenyl, B=2-carboxynaphthalen-1-yl, R=CH₃.

A further object of the present invention
 15 relates to the use of derivatives of 1,3-diones
 having general formula (I)



20

(I)

wherein:

- A represents:

an aryl group possibly substituted by one or more
 substituents selected from halogen, NO₂, CN, CHO, OH,

linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy possibly substituted with a C₁-C₄ alkoxy or C₁-C₄ haloalkoxy group, C₂-C₆ alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈ haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy, C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy, C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈ haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-C₈ haloalkenyloxyiminoalkyl, C₃-C₈ alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl, C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂ cycloalkylideneiminoalkoxyalkyl, C₆-C₁₂ dialkylideneiminoalkoxyalkyl, -S(O)_mR₁, -OS(O)_tR₁, -

$\text{SO}_2\text{NR}_2\text{R}_3$, $-\text{CO}_2\text{R}_4$, $-\text{COR}_5$, $-\text{CONR}_6\text{R}_7$, $-\text{CSNR}_8\text{R}_9$, $-\text{NR}_{10}\text{R}_{11}$,
 $-\text{NR}_{12}\text{COR}_{13}$, $-\text{NR}_{14}\text{CO}_2\text{R}_{15}$, $-\text{NR}_{16}\text{CONR}_{17}\text{R}_{18}$, $-\text{PO}(\text{R}_{19})_2$, $-\text{Q}$, $-\text{ZQ}_1$,
 $-(\text{CR}_{20}\text{R}_{21})_p\text{Q}_2$, $-\text{Z}(\text{CR}_{22}\text{R}_{23})_p\text{Q}_3$, $-(\text{CR}_{24}\text{R}_{25})_p\text{ZQ}_4$,
 $-(\text{CR}_{26}\text{R}_{27})_p\text{Z}(\text{CR}_{28}\text{R}_{29})_q\text{Q}_5$, $-(\text{CR}_{30}\text{R}_{31})_p\text{Z}(\text{CR}_{32}\text{R}_{33})_q\text{Z}_1\text{Q}_6$,
5 $-\text{Z}_2(\text{CR}_{34}\text{R}_{35})_p(\text{C}=\text{Y})\text{T}$, $-\text{Z}_3(\text{CR}_{36}\text{R}_{39}=\text{CR}_{40}\text{R}_{41})(\text{C}=\text{Y})\text{T}$;

or represents a heterocyclic group selected from
 pyridyl, pyrimidyl, quinolinyl, pyrazolyl, thiazolyl,
 oxazolyl, thienyl, furyl, benzothienyl,
 dihydrobenzothienyl, benzofuranyl,
 10 dihydrobenzofuranyl, benzoxazolyl, benzoxazolonyl,
 benzothiazolyl, benzothiazolonyl, benzoimidazolyl,
 benzoimidazolonyl, benzotriazolyl, chromanonyl,
 chromanyl, thiochromanonyl, thiochromanyl, 3a,4-
 dihydro-3H-indeno[1,2-c]isoxazolyl, 3a,4-dihydro-3H-
 15 chromeno[4,3-c]isoxazolyl, 5,5-dioxide-3a,4-dihydro-
 3H-thiochromeno[4,3-c]isoxazolyl, 2,3,3a,4-
 tetrahydrochromeno[4,3-c]pyrazolyl, 6,6-dioxide-2,3-
 dihydro-5H-[1,4]dithiino[2,3-c]thiochromenyl, 5,5-
 dioxide-2,3,3a,4-tetrahydrothiochromeno[4,3-
 20 c]pyrazolyl, 1',1'-dioxide-2',3'-dihydrospiro[1,3-
 dioxolane-2,4'-thiochromen]-yl, 1,1,4,4-tetraoxide-
 2,3-dihydro-1,4-benzodithiin-6-yl, 4,4-dioxide-2,3-
 dihydro-1,4-benzoxathiin-7-yl, 1,1-dioxide-3-oxo-2,3-
 dihydro-1,2-benzoisothiazol-5-yl, 4-(alkoxyimino)-
 25 1,1-dioxide-3,4-dihydro-2H-thiochromen-6-yl, 1,1-

dioxide-4-oxo-3,4-dihydro-2H-thiochromen-6-yl, 2,3-dihydro-1,4-benzoxathiin-7-yl,

with all these groups possibly substituted by one or more substituents selected from halogen, NO₂, CN,

- 5 CHO, OH, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl,
- 10 C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy, possibly substituted with a C₁-C₄ alkoxy or C₁-C₄ haloalkoxy group, C₂-C₆ alkylthioalkoxy, C₂-C₆
- 15 haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkenyl,
- C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
- 20 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈ haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy, C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy, C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
- 25 haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-

- C_8 haloalkenyloxyiminoalkyl, C_3-C_8
 alkynyloxyiminoalkyl, C_3-C_8 haloalkynyloxyiminoalkyl,
 C_5-C_{10} alkoxyalkynyloxy, C_6-C_{12}
 cycloalkylideneiminooxyalkyl, C_6-C_{12}
- 5 dialkylideneiminooxyalkyl, $-S(O)_mR_1$, $-OS(O)_tR_1$,
 $-SO_2NR_2R_3$, $-CO_2R_4$, $-COR_5$, $-CONR_6R_7$, $-CSNR_8R_9$, $-NR_{10}R_{11}$,
 $-NR_{12}COR_{13}$, $-NR_{14}CO_2R_{15}$, $-NR_{16}CONR_{17}R_{18}$, $-PO(R_{19})_2$, $-Q$, $-$
 ZQ_1 , $-(CR_{20}R_{21})_pQ_2$, $-Z(CR_{22}R_{23})_pQ_3$, $-(CR_{24}R_{25})_pZQ_4$,
 $-(CR_{26}R_{27})_pZ(CR_{28}R_{29})_pQ_5$, $-(CR_{30}R_{31})_pZ(CR_{32}R_{33})_pZ_1Q_6$,
 10 $-Z(CR_{34}R_{35})_p(C=Y)T$, $-Z(CR_{36}R_{37})_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;
 - B represents a $D-(R_x)_n$ group;
 - R represents a hydrogen atom, a linear or
 branched C_1-C_6 alkyl group, a linear or branched C_1-C_6
 haloalkyl group, a C_3-C_6 cycloalkyl group or a C_4-C_{12}
 15 cycloalkylalkyl group possibly substituted with
 halogen atoms or C_1-C_6 alkyl or C_1-C_6 thioalkyl or C_1-
 C_6 alkoxy or C_2-C_6 alkoxy carbonyl groups, alkenyl C_2-
 C_6 groups, alkynyl C_2-C_6 groups, the latter two
 groups, in turn, possibly substituted with halogen
 20 atoms, a C_5-C_6 cycloalkenyl group possibly substituted
 with halogen atoms or C_1-C_6 alkyl groups, an aryl or
 arylalkyl group optionally substituted;
 - R_1 and R_{19} , represent a C_1-C_6 alkyl or C_1-C_6
 haloalkyl group, a C_3-C_6 cycloalkyl group, an aryl
 25 group optionally substituted by one or more

substituents selected from halogen, NO₂, CN, CHO,
linear or branched C₁-C₆ alkyl, linear or branched C₁-
C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear
or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl,
5 C₂-C₆ alkoxy carbonyl;
- m is equal to 0, 1 or 2;
- t is equal to 1 or 2;
- R₂, R₃, R₆, R₇, R₈, R₉, R₁₀, R₁₁, R₁₇ and R₁₈, the
same or different, represent a hydrogen atom, a
10 linear or branched C₁-C₆ alkyl group in turn possibly
substituted with halogen atoms, a C₁-C₆ alkoxy
group, a C₃-C₆ cycloalkyl group, an arylalkyl group
or an aryl group, said arylalkyl or aryl groups also
optionally substituted with one or more substituents
15 selected from halogen, NO₂, CN, CHO, linear or
branched C₁-C₆ alkyl, linear or branched C₁-C₆
haloalkyl, linear or branched C₁-C₆ alkoxy, linear
or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl,
C₂-C₆ alkoxy carbonyl or, together, represent a C₂-C₅
20 alkyl chain;
- R₄, R₅ and R₄₂, represent a hydrogen atom, a
linear or branched C₁-C₆ alkyl group in turn possibly
substituted with halogen atoms, a C₃-C₆ alkenyl group
in turn possibly substituted with halogen atoms, a Q₇
25 group, an arylalkyl group possibly substituted with

- one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
- 5 - R₁₂, R₁₄ and R₁₆, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₃-C₆ cycloalkyl group, a C₁-C₆ alkoxyl group, a C₁-C₆ haloalkoxyl
- 10 group;
- R₁₃ and R₁₅, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₃-C₆ alkenyl group, in turn possibly substituted with halogen
- 15 atoms, a Q₇ group, NH₂, NHCN, NHNH₂, NHOH, an arylalkyl group possibly substituted with one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear
- 20 or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
- R₂₀, R₂₁, R₂₂, R₂₃, R₂₄, R₂₅, R₂₆, R₂₇, R₂₈, R₂₉, R₃₀, R₃₁, R₃₂, R₃₃, R₃₄, R₃₅, R₃₆, R₃₇, R₃₈, R₃₉, R₄₀ and R₄₁, the same or different, represent a hydrogen atom, a
- 25 linear or branched C₁-C₆ alkyl group in turn possibly

substituted with halogen atoms, a C₁-C₆ alkoxy group, or the two groups bound to the same carbon atom can be joint by C₂-C₅ alkylene groups, the alkylene groups can be, in turn, substituted with C₁-
 5 C₃ alkyl groups;

- Q, Q₁, Q₂, Q₃, Q₄, Q₅, Q₆ and Q₇ represent an aryl group, a C₃-C₆ cycloalkyl group, C₅-C₆ cycloalkenyl, a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolydinonyl,
 10 tetrazolyl, tetrazolonyl, isoxazolyl, furyl, thienyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl, pyrimidinyl, pyrimidinonyl, pyrazinyl, pyridazinyl, oxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, isothiazolyl, benzoxazolyl, benzothiazolyl,
 15 isoxazolinyl, 1,3-dioxanyl, 1,4-dioxanyl, 1,3-dioxolanyl, tetrahydropyranyl, oxethanyl, oxyranyl, thiazolidinyl, oxazolidinyl, piperidinyl, piperidinonyl, piperazinyl, morpholinyl, thiazinyl, tetrahydrofuranlyl, dioxazolyl,
 20 tetrahydrofuroisoxazolyl, 2-oxa-3-azabicyclo[3.1.0]hex-3-enyl,

said groups optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-
 25 C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear

or branched C₁-C₆ haloalkoxyl, C₁-C₆ cyanoalkyl, C₂-C₆
 alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆
 alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆
 haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 5 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxyl or C₂-C₆ haloalkoxyalkoxyl
 optionally substituted with a group selected from C₁-
 C₄ alkoxyl or C₁-C₄ haloalkoxyl, C₂-C₆
 alkylthioalkoxyl, C₂-C₆ haloalkylthioalkoxyl, C₃-C₁₂
 10 dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂
 dialkylthioalkoxyl, C₃-C₁₂ dialkoxyalkoxyl, C₂-C₆
 haloalkoxyhaloalkoxyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
 alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
 15 haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
 haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
 C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
 C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
 haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
 20 C₈ haloalkenyloxyiminoalkyl, C₃-C₈
 alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
 C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
 cycloalkylideneiminooxyalkyl, C₆-C₁₂
 dialkylideneiminooxyalkyl, aryl optionally
 25 substituted, -S(O)_mR₁, -OS(O)_tR₁, -SO₂NR₂R₃, -

- CO_2R_4 , $-\text{COR}_5$, $-\text{CONR}_6\text{R}_7$, $-\text{CSNR}_8\text{R}_9$, $-\text{NR}_{10}\text{R}_{11}$, $-$
 $\text{NR}_{12}\text{COR}_{13}$, $-\text{NR}_{14}\text{CO}_2\text{R}_{15}$, $-\text{NR}_{16}\text{CONR}_{17}\text{R}_{18}$, $-\text{PO}(\text{R}_{19})_2$, $-$
 $\text{Z}_2(\text{CR}_{34}\text{R}_{35})_p(\text{C}=\text{Y})\text{T}$, $-\text{Z}_3(\text{CR}_{36}\text{R}_{37})_v(\text{CR}_{38}\text{R}_{39}=\text{CR}_{40}\text{R}_{41})(\text{C}=\text{Y})\text{T}$;
 $-\text{Z}$, Z_1 , $\text{Z}_2 = \text{O}$, $\text{S}(\text{O})_r$;
5 $-\text{Y} = \text{O}$, S ;
 $-\text{r}$ is equal to 0, 1 or 2;
 $-\text{p}$, q are equal to 1, 2, 3 or 4;
 $-\text{v}$ is equal to 0 or 1;
 $-\text{Z}_3 = \text{O}$, S or a direct bond;
10 $-\text{T}$ represents a hydrogen atom, a Z_4R_{42} group, a $-\text{NR}_{43}\text{R}_{44}$ group, an aryl group or a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl, tetrazolyl, tetrazolonyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl,
15 pyridyl, pyrimidinyl, piperidinyl, piperidinonyl, piperazinyl, morpholinyl, said groups optionally substituted by one or more substituents selected from halogen, NO_2 , OH , CN , CHO , linear or branched $\text{C}_1\text{-C}_6$ alkyl, linear or branched $\text{C}_1\text{-C}_6$ haloalkyl, $\text{C}_3\text{-C}_6$
20 cycloalkyl, $\text{C}_5\text{-C}_6$ cycloalkenyl, linear or branched $\text{C}_1\text{-C}_6$ alkoxyl, linear or branched $\text{C}_1\text{-C}_6$ haloalkoxyl, $\text{C}_1\text{-C}_6$ cyanoalkyl, $\text{C}_2\text{-C}_6$ alkoxyalkyl, $\text{C}_2\text{-C}_6$ alkylthioalkyl, $\text{C}_2\text{-C}_6$ alkylsulfinylalkyl, $\text{C}_2\text{-C}_6$ alkylsulfonylalkyl, $\text{C}_2\text{-C}_6$ haloalkoxyalkyl, $\text{C}_2\text{-C}_6$

haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, -S(O)_mR₁;

- Z₄ = O, S or a direct bond;

- R₄₃ and R₄₄, the same or different, represent a
5 hydrogen atom, a linear or branched C₁-C₆ alkyl group
in turn optionally substituted with halogen atoms, a
C₃-C₆ alkenyl group in turn optionally substituted
with halogen atoms, a Q₇ group, an arylalkyl group
optionally substituted by one or more substituents
10 selected from halogen, NO₂, CN, CHO, linear or
branched C₁-C₆ alkyl, linear or branched C₁-C₆
haloalkyl, linear or branched C₁-C₆ alkoxyl, linear
or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl,
C₂-C₆ alkoxycarbonyl, or they jointly represent a C₂-
15 C₅ alkylene chain;

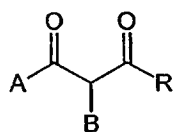
- D represents:

a heterocyclic group of the heteroaryl or
heterocyclic type, in all the above cases the
heterocycle can be mono or polycyclic and can be
20 connected to the rest of the structure either through
one of its carbon atoms or, when possible, through
one of its nitrogen atoms;
or it represents a mono or polycyclic aryl group, in
this latter case, the group can also be partially
25 saturated;

- R_x represents a substituent selected from hydrogen, halogen, NO₂, CN, CHO, OH, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy optionally substituted with a group selected from C₁-C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆ alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈ haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy, C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy, C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈ haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-C₈ haloalkenyloxyiminoalkyl, C₃-C₈ alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl, C₅-C₁₀ alkoxyalkynyloxy,

C_6-C_{12} cycloalkylideneiminooxyalkyl, C_6-C_{12}
 dialkylideneiminooxyalkyl, $-S(O)_mR_1$, $-OS(O)_tR_1$, -
 $SO_2NR_2R_3$, $-CO_2R_4$, $-COR_5$, $-CONR_6R_7$, $-CSNR_8R_9$, -
 $NR_{10}R_{11}$, $-NR_{12}COR_{13}$, $-NR_{14}CO_2R_{15}$, $-NR_{16}CONR_{17}R_{18}$, -
 5 $PO(R_{19})_2$, $-Q$, $-ZQ_1$, $-(CR_{20}R_{21})_pQ_2$, $-Z(CR_{22}R_{23})_pQ_3$, -
 $(CR_{24}R_{25})_pZQ_4$, $-(CR_{26}R_{27})_pZ(CR_{28}R_{29})_qQ_5$, -
 $(CR_{30}R_{31})_pZ(CR_{32}R_{33})_qZ_1Q_6$, -
 $Z_2(CR_{34}R_{35})_p(C=Y)T$, $-Z_3(CR_{36}R_{37})_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;
 if several R_x groups are present, these can be the
 10 same or different;
 - $n = 1-9$;
 and of the relevant salts having agronomical
 compatibility, as herbicides.

The use of derivatives of 1,3-diones having
 15 general formula (I) is a further object of the
 present invention:



20

(I)

wherein:

- A, B and R have the above-defined meanings,
 and of relevant salts pharmaceutically acceptable as
 medicament.

Examples of D groups include: pyrrolyl, pyrrolidinonyl, thienyl, furyl, pyrazolyl, imidazolyl, imidazolidinonyl, triazolyl, triazolonyl, tetrazolyl, tetrazolonyl, thiazolyl, isothiazolyl, dithiol, oxathiol, isoxazolyl, isoxazolinyl, oxazolyl, oxadiazolyl, thiadiazolyl, oxatriazolyl, dioxazolyl, oxathiazolyl, pyridyl, N-oxidopyridyl, pyrimidyl, pyrimidinonyl, pyridazinyl, pyrazinyl, triazinyl, tetrazinyl, piperazinyl, oxazinyl, oxathiazinyl, morfolinyl, benzofuranyl, isobenzofuranyl, benzothienyl, isobenzothienyl, indolyl, isoindolyl, benzoxazolyl, benzothiazolyl, benzimidazolyl, benzopyrazolyl, benzotriazolyl, benzoxadiazolyl, benzothiadiazolyl, quinolinyl, quinazolinyl, quinoxalyl, pyridopyrimidinyl, oxazolepyrimidinyl, chromenyl, thiochromenyl, purine, phenyl, naphthyl.

A C₁-C₆ alkyl group means a linear or branched C₁-C₆ alkyl group.

Examples of these groups are: methyl, ethyl, propyl, isopropyl, butyl, isobutyl, tert-butyl.

A C₁-C₆ haloalkyl group means a linear or branched C₁-C₆ alkyl group, substituted with one or more halogen atoms, the same or different.

Examples of this group are: fluoromethyl,
chlorodifluoromethyl, difluoromethyl,
trifluoromethyl, dichloromethyl, trichloromethyl,
2,2,2-trifluoroethyl, 2,2,2-trichloroethyl,
5 1,1,2,2,2-pentafluoroethyl, 1,1,2,2-tetrafluoroethyl,
1,2,2,2-tetrafluoroethyl, 2,2,3,3-tetrafluoropropyl,
2,2,3,3,3-pentafluoropropyl.

A C₂-C₆ alkenyl group means a linear or branched
C₂-C₆ alkenyl group.

10 Examples of this group are: ethenyl, propenyl,
butenyl.

A C₂-C₆ haloalkenyl group means a linear or
branched C₂-C₆ alkenyl group, substituted by one or
more halogen atoms, the same or different.

15 Example of this group are: 3,3-dichloroprop-2-
enyl, 3,3-difluoroprop-2-enyl, 3,3,3-
trifluoropropenyl.

Example of C₂-C₆ alkynyl groups are: ethynyl,
propargyl.

20 A C₂-C₆ haloalkynyl group means a linear or
branched C₂-C₆ alkynyl group, substituted by one or
more halogen atoms, the same or different.

Example of this group are: 3-chloropropynyl, 3-
iodopropynyl.

Halogen atom means a halogen atom selected from fluorine, chlorine, bromine or iodine.

A C₃-C₆ cycloalkyl group means a cycloalkyl group consisting of 3 to 6 carbon atoms, possibly
5 substituted by one or more substituents the same or different.

Examples of this group are: cyclopropyl, cyclopentyl.

Examples of alkoxy groups are: methoxy, ethoxy.

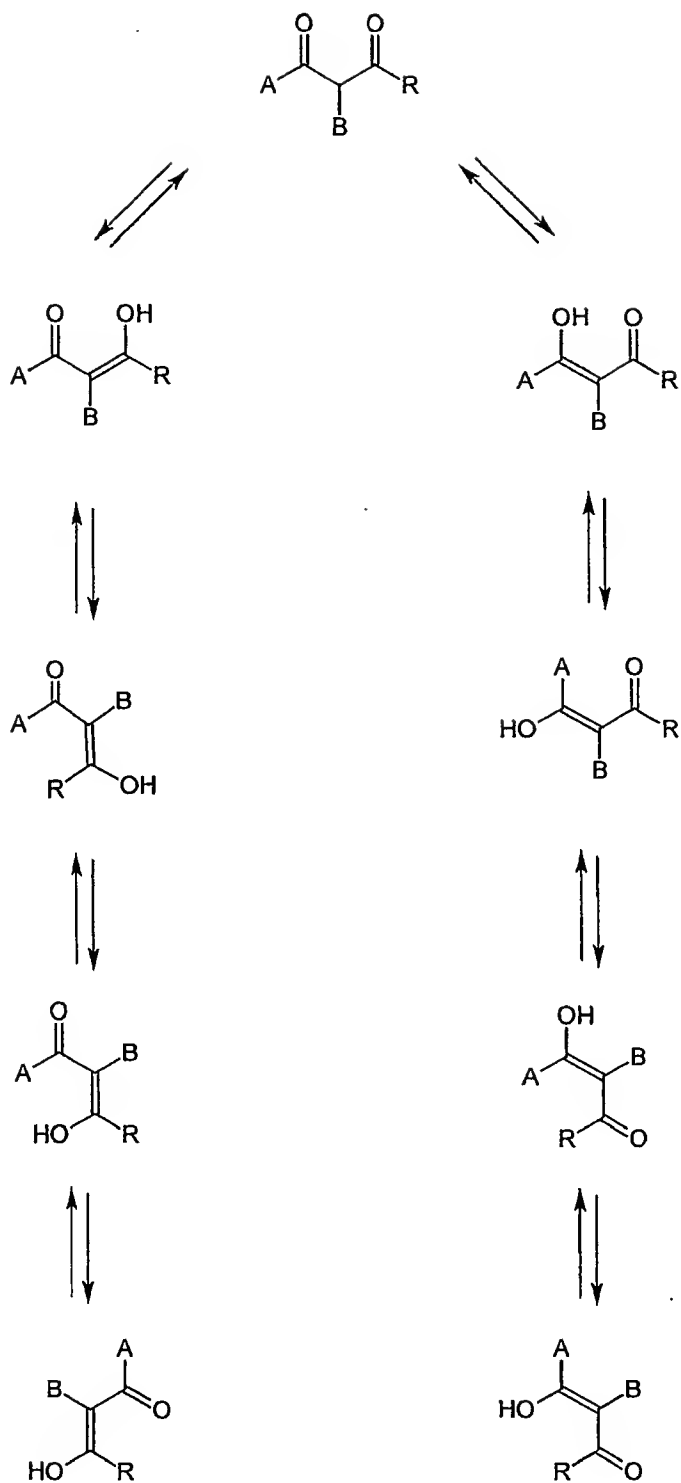
10 Examples of haloalkoxyl groups are: difluoromethoxy, trifluoromethoxy, 1,1,2,2-tetrafluoroethoxy, 1,1,2,3,3,3-hexafluoropropoxy.

A heterocyclic group, of the heteroaryl or heterocyclic type, means a ring which can be
15 unsaturated, partially saturated or completely saturated, and can consist of from three to eighteen units containing at least one heteroatom selected from nitrogen, oxygen and sulphur; this group can be condensed with other rings of the heterocyclic or
20 carbocyclic type, which, in turn, can be of the aromatic type, partially saturated or completely saturated.

Mono or polycyclic aryl group means a ring that can be aromatic or partially saturated and consisting
25 exclusively of carbon atoms.

Examples of these groups are: phenyl, naphthyl, tetrahydronaphthalenyl.

The compounds having general formula (I) can exist in different tautomeric and/or isomeric
5 forms, as shown hereinafter:



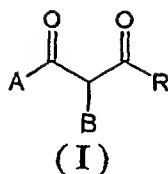
Both the tautomeric and/or isomeric forms of compounds (I) and the mixtures of the same in any possible proportions, are considered included in the present patent application.

5 If the particular groups A, B and R allow the existence of other tautomeric and/or isomeric forms, these forms are definitely included within the scope of the present invention.

10 The salts of compounds (I) which have agronomical compatibility are also considered within the spirit of this patent.

As stated before, the derivatives of 1,3-diones having general formula (I) have a high herbicidal activity.

15 Specific examples of compounds having general formula (I) of interest for their activity are shown in table 1:



A	B	R
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	H
2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	H
2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	methyl

A	B	R
2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	H
2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	CF ₃

A	B	R
2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	H
2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	H

A	B	R
2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	H
2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	H
2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	H
2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	H
2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	H
2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	methyl

A	B	R
2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	methyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	H
2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	H
2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	methyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	methyl
2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	CF ₃
2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	methyl
2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	i-propyl
2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	CF ₃

A	B	R
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	H
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	methyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	H
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	methyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	H
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CIPh	H
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CIPh	methyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CIPh	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CIPh	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CIPh	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	H
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	CF ₃
2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	H
2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	CF ₃
2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	H
2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	CF ₃
2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	H
2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	CF ₃
2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	H
2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	methyl
2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	H
2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	H
2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	methyl
2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	H
2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	methyl
2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	H
2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	H
2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	H
2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	imidazol-2-yl	H
2-Cl-4-SO ₂ MePh	imidazol-2-yl	methyl

A	B	R
2-Cl-4-SO ₂ MePh	imidazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	imidazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	imidazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	imidazol-1-yl	H
2-Cl-4-SO ₂ MePh	imidazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	imidazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	imidazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	imidazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	imidazol-4-yl	H
2-Cl-4-SO ₂ MePh	imidazol-4-yl	methyl
2-Cl-4-SO ₂ MePh	imidazol-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	imidazol-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	imidazol-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	thiazol-2-yl	H
2-Cl-4-SO ₂ MePh	thiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	thiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	thiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	thiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	H
2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	oxazol-2-yl	H
2-Cl-4-SO ₂ MePh	oxazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	oxazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	oxazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	oxazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	H
2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	H
2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	methyl
2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	H
2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	methyl
2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	H
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	H
2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	CF ₃

A	B	R
2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	H
2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	H
2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyrazol-1-yl	H
2-Cl-4-SO ₂ MePh	pyrazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	pyrazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyrazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyrazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyrazol-3-yl	H
2-Cl-4-SO ₂ MePh	pyrazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	pyrazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyrazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyrazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	H
2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	methyl
2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	tetrazol-1-yl	H
2-Cl-4-SO ₂ MePh	tetrazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	tetrazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	tetrazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	tetrazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	H
2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	tetrazol-2-yl	H
2-Cl-4-SO ₂ MePh	tetrazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	tetrazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	tetrazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	tetrazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	H
2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	H

A	B	R
2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	t-butyle
2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyridin-2-yl	H
2-Cl-4-SO ₂ MePh	pyridin-2-yl	methyl
2-Cl-4-SO ₂ MePh	pyridin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyridin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyridin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyridin-4-yl	H
2-Cl-4-SO ₂ MePh	pyridin-4-yl	methyl
2-Cl-4-SO ₂ MePh	pyridin-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyridin-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyridin-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyridin-3-yl	H
2-Cl-4-SO ₂ MePh	pyridin-3-yl	methyl
2-Cl-4-SO ₂ MePh	pyridin-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyridin-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyridin-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	H
2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	methyl
2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	H
2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	H
2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	methyl
2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	H
2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	methyl
2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	H
2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	methyl

A	B	R
2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	methyl
2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	i-propyl
2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyridazin-3-yl	H
2-Cl-4-SO ₂ MePh	pyridazin-3-yl	methyl
2-Cl-4-SO ₂ MePh	pyridazin-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyridazin-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyridazin-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	methyl
2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	pyrazin-2-yl	methyl
2-Cl-4-SO ₂ MePh	pyrazin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	pyrazin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	pyrazin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	triazin-2-yl	methyl
2-Cl-4-SO ₂ MePh	triazin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	triazin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	triazin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	quinolin-2-yl	methyl
2-Cl-4-SO ₂ MePh	quinolin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	quinolin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	quinolin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	H
2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	methyl
2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	i-propyl
2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	CF ₃
2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	methyl
2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	i-propyl
2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	CF ₃
2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	methyl
2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	i-propyl
2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	CF ₃

A	B	R
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	H
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	methyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	i-propyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	CF ₃
2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	H
2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	methyl
2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	i-propyl
2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	cyclopropyl
2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	CF ₃
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	H
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	methyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	i-propyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	CF ₃
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CIPh	H
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CIPh	methyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CIPh	i-propyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CIPh	cyclopropyl
2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CIPh	CF ₃
2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	H
2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	methyl
2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	i-propyl
2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	CF ₃
2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	H
2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	methyl
2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	i-propyl
2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	CF ₃
2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	H
2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	methyl
2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	i-propyl
2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	CF ₃
2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	H
2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	methyl
2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	i-propyl
2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	CF ₃
2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	H
2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	methyl
2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	H
4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	H
4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	methyl
4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	H
4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	methyl
4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	H
4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	H
4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	H
4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	imidazol-2-yl	H
4-Cl-2-NO ₂ Ph	imidazol-2-yl	methyl

A	B	R
4-Cl-2-NO ₂ Ph	imidazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	imidazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	imidazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	imidazol-1-yl	H
4-Cl-2-NO ₂ Ph	imidazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	imidazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	imidazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	imidazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	imidazol-4-yl	H
4-Cl-2-NO ₂ Ph	imidazol-4-yl	methyl
4-Cl-2-NO ₂ Ph	imidazol-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	imidazol-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	imidazol-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	thiazol-2-yl	H
4-Cl-2-NO ₂ Ph	thiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	thiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	thiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	thiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	H
4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	oxazol-2-yl	H
4-Cl-2-NO ₂ Ph	oxazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	oxazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	oxazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	oxazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	H
4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	H
4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	methyl
4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	H
4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl
4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	H
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	H
4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	CF ₃

A	B	R
4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	H
4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	H
4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyrazol-1-yl	H
4-Cl-2-NO ₂ Ph	pyrazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	pyrazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyrazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyrazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyrazol-3-yl	H
4-Cl-2-NO ₂ Ph	pyrazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	pyrazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyrazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyrazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	H
4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	methyl
4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	tetrazol-1-yl	H
4-Cl-2-NO ₂ Ph	tetrazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	tetrazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	tetrazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	tetrazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	H
4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	tetrazol-2-yl	H
4-Cl-2-NO ₂ Ph	tetrazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	tetrazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	tetrazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	tetrazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	H
4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	H

A	B	R
4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	CF ₃
2-Cl-4-NO ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	CF ₃
2,4-(NO ₂) ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyridin-2-yl	methyl
4-Cl-2-NO ₂ Ph	pyridin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyridin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyridin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyridin-4-yl	H
4-Cl-2-NO ₂ Ph	pyridin-4-yl	methyl
4-Cl-2-NO ₂ Ph	pyridin-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyridin-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyridin-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyridin-3-yl	H
4-Cl-2-NO ₂ Ph	pyridin-3-yl	methyl
4-Cl-2-NO ₂ Ph	pyridin-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyridin-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyridin-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	H
4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	methyl
4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	H
4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	H
4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	methyl
4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	H
4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	methyl
4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	H
4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	methyl

A	B	R
4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	CF ₃
4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	methyl
4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	i-propyl
4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	CF ₃
2,4-(Cl) ₂ Ph	1-methyltetrazol-5-yl	t-butyl
4-Cl-2-NO ₂ Ph	pyridazin-3-yl	methyl
4-Cl-2-NO ₂ Ph	pyridazin-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyridazin-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyridazin-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	methyl
4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	pyrazin-2-yl	methyl
4-Cl-2-NO ₂ Ph	pyrazin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	pyrazin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	pyrazin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	triazin-2-yl	methyl
4-Cl-2-NO ₂ Ph	triazin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	triazin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	triazin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	quinolin-2-yl	methyl
4-Cl-2-NO ₂ Ph	quinolin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	quinolin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	quinolin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	H
4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	methyl
4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	i-propyl
4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	CF ₃
4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	methyl
4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	i-propyl
4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	CF ₃
4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	methyl
4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	i-propyl
4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	cyclopropyl
4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	CF ₃

A	B	R
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	H
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	methyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃
4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	H
4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	methyl
4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	i-propyl
4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	cyclopropyl
4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	CF ₃
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	H
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	methyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	H
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	methyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	i-propyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	cyclopropyl
4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	CF ₃
4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	H
4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	methyl
4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	i-propyl
4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	CF ₃
4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	H
4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	methyl
4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	i-propyl
4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	CF ₃
4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	H
4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	methyl
4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	i-propyl
4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	CF ₃
4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	H
4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	methyl
4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	i-propyl
4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	CF ₃
4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	H
4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl
4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	methyl

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	CF ₃

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	H

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	H
2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	methyl

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	H
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	methyl
2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	CF ₃

A	B	R
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	H
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	H
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	H
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	CF ₃
2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	H
2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl
2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	methyl

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	CF ₃

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	H

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	methyl

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	CF ₃

A	B	R
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	CF ₃
3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	H
3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	methyl

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	CF ₃

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	H

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	H
2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	methyl

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	H
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	methyl
2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	CF ₃

A	B	R
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	H
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	H
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	H
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	CF ₃
2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	H
2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl
2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	methyl

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	i-propyl

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	CF ₃

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	H

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	methyl

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	CF ₃

A	B	R
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CIPh	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CIPh	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CIPh	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CIPh	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CIPh	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	CF ₃
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	H
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-5-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-5-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-oxadiazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-oxadiazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-oxadiazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-oxadiazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-oxadiazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-oxadiazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H

[illegible]

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	i-propyl

[illegible]

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	H

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	methyl

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyrimidin-4-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyrimidin-4-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyrimidin-4-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyrimidin-4-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridazin-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridazin-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridazin-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridazin-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridazin-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyridazin-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyridazin-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyridazin-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-chloropyridazin-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	triazin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	triazin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	triazin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	triazin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	quinolin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	quinolin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	quinolin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	quinolin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolidinon-3-yl	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolidinon-3-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolidinon-3-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolidinon-3-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolidinon-3-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-pyrrolidinon-1-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-pyrrolidinon-1-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-pyrrolidinon-1-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-pyrrolidinon-1-yl	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methylisoxazol-5-yl	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methylisoxazol-5-yl	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methylisoxazol-5-yl	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methylisoxazol-5-yl	CF ₃

A	B	R
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-SO ₂ MePh	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-SO ₂ MePh	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-SO ₂ MePh	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-SO ₂ MePh	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-SO ₂ MePh	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-SO ₂ MePh	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-SO ₂ MePh	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-CF ₃ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-CF ₃ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-ClPh	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-ClPh	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-ClPh	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-ClPh	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-NO ₂ -4-ClPh	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-NO ₂ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-NO ₂ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-NO ₂ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-NO ₂ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-Cl-4-NO ₂ Ph	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2,4-(NO ₂) ₂ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2,4-(NO ₂) ₂ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2,4-(NO ₂) ₂ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2,4-(NO ₂) ₂ Ph	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-F-3-NO ₂ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-F-3-NO ₂ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-F-3-NO ₂ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-F-3-NO ₂ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-F-3-NO ₂ Ph	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3,5-(CF ₃) ₂ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3,5-(CF ₃) ₂ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3,5-(CF ₃) ₂ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3,5-(CF ₃) ₂ Ph	CF ₃
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	H
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl
4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃

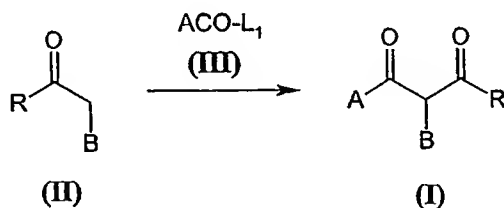
A	B	R
2-Cl-4-SO ₂ MePh	2-trifluoromethyl-1,3,4-thiadiazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl	cyclopropyl
4-Cl-Ph	2- <i>t</i> -butyl-1,3,4-oxadiazol-5-yl	CF ₃
2-Me-6-CF ₃ Pyridin-3-yl	2-methyltetrazol-5-yl	cyclopropyl
2-[(2-methoxyethoxy)methyl]-6-CF ₃ Pyridin-3-yl	2-methyltetrazol-5-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2,5-dioxopyrrolidin-1-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxopyridin-1(2H)-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxoquinolin-1(2H)-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1,2-benzisoxazol-3-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxo-1,3-benzoxazol-3(2H)-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	3-oxo-2,3-dihydro-4H-1,4-benzoxazin-4-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	2-oxopyrimidin-1(2H)-yl	cyclopropyl
2-Cl-4-SO ₂ MePh	1H-1,2,3-benzotriazol-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2,5-dioxopyrrolidin-1-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxopyridin-1(2H)-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxoquinolin-1(2H)-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1,2-benzisoxazol-3-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxo-1,3-benzoxazol-3(2H)-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	3-oxo-2,3-dihydro-4H-1,4-benzoxazin-4-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	2-oxopyrimidin-1(2H)-yl	cyclopropyl
2-NO ₂ -4-SO ₂ MePh	1H-1,2,3-benzotriazol-1-yl	cyclopropyl

The compounds having general formula (I) can be applied in the pharmaceutical field, for example in the treatment of the hereditary disease known as tyrosinemia type 1 (HT-1).

5 A further object of the present invention relates to processes for the preparation of compounds having general formula (I).

In particular, the compounds having general formula (I) can be prepared by the reaction of a
10 carbonyl compound having general formula (II) with a compound having general formula (III) according to reaction scheme 1.

Scheme 1:



15

In the general formulae indicated in this reaction scheme:

- A, B and R have the meanings previously defined;
- L₁ represents a suitable leaving group such as, for
20 example, a halogen atom, a CN group, an imidazol-1-yl group, an R_LO- group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally substituted,

or it represents an $R_{Li}COO^-$ group wherein R_{Li} represents a hydrogen atom, a C_1-C_4 alkyl or haloalkyl group, a phenyl group optionally substituted or an A group.

5 The reaction between the compounds having general formula (II) and the compounds having general formula (III) is preferably carried out in the presence of an inert organic solvent and in the presence of an organic or inorganic base, at a
10 temperature ranging from $-80^\circ C$ to the boiling point of the reaction mixture. The reaction can also be carried out in two distinct phases. In the latter case, in the first phase, the compounds having general formula (II) are reacted with a base. The
15 intermediate obtained is reacted, in the subsequent phase, with an acylating compound.

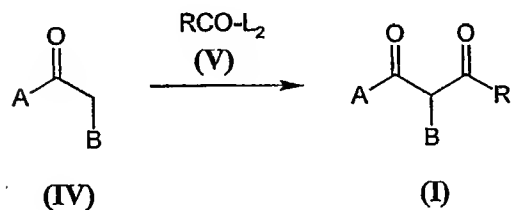
Examples of solvents which can be used for the above reaction comprise aromatic hydrocarbons (benzene, toluene, xylene, chlorobenzene, etc.),
20 ethers (diethyl ether, diisopropyl ether, dimethoxyethane, dioxane, tetrahydrofuran, etc.), aprotic dipolar solvents (dimethylformamide, dimethylacetamide, hexamethylphosphoramide, N-methylpyrrolidone, etc.).

Inorganic bases which can be used for the purpose are, for example, sodium and potassium hydrides, hydroxides and carbonates, sodium amide.

Organic bases which can be used for the purpose
 5 are, for example, sodium, potassium and magnesium alcoholates, phenyllithium, butyllithium, lithium diisopropylamide, triethylamine, pyridine, 4-N,N-dimethylaminopyridine, N,N-dimethylaniline, N-methyl piperidine, lutidine, diazabicyclooctane (DABCO),
 10 diazabicyclononene (DBN), diazabicycloundecene (DBU).

The compounds having general formula (I) can also be prepared by the reaction of a carbonyl compound having general formula (IV) with a compound having general formula (V) according to reaction
 15 scheme 2.

Scheme 2:



In the general formulae indicated in this reaction scheme:

- A, B and R have the meanings previously defined;
- 20 - L₂ represents a suitable leaving group such as, for example, a halogen atom, a CN group, an imidazol-1-yl

group, an $R_L O^-$ group wherein R_L represents a C_1-C_4 alkyl group or a phenyl group optionally substituted, or it represents an $R_{L1} COO^-$ group wherein R_{L1} represents a hydrogen atom, a C_1-C_4 alkyl or
5 haloalkyl group, a phenyl group optionally substituted or an R group.

The reaction between the compounds having general formula (IV) and the compounds having general formula (V) is preferably carried out in the presence
10 of an inert organic solvent and in the presence of an organic or preferably inorganic base, at a temperature ranging from $-80^\circ C$ to the boiling point of the reaction mixture. The reaction can also be carried out in two distinct phases. In the latter
15 case, in the first phase, the compounds having general formula (IV) are reacted with a base. The intermediate obtained is reacted, in the subsequent phase, with an acylating compound.

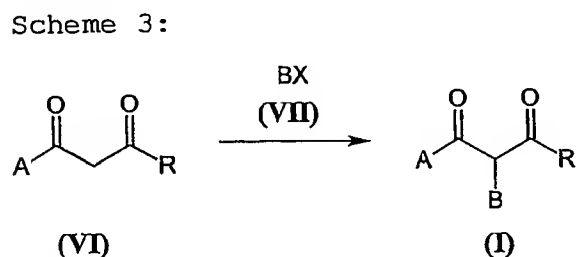
Examples of solvents which can be used for the
20 above reaction comprise aromatic hydrocarbons (benzene, toluene, xylene, chlorobenzene, etc.), ethers (diethyl ether, diisopropyl ether, dimethoxyethane, dioxane, tetrahydrofuran, etc.), aprotic dipolar solvents (dimethylformamide,

dimethylacetamide, hexamethylphosphoramide, N-methylpyrrolidone, etc.).

Inorganic bases which can be used for the purpose are, for example, sodium and potassium
5 hydrides, hydroxides and carbonates, sodium amide.

Organic bases which can be used for the purpose are, for example, sodium, potassium and magnesium alcoholates, phenyllithium, butyllithium, lithium diisopropylamide, triethylamine, pyridine, 4-N,N-
10 dimethylaminopyridine, N,N-dimethylaniline, N-methyl piperidine, lutidine, diazabicyclooctane (DABCO), diazabicyclononene (DBN), diazabicycloundecene (DBU).

The compounds having general formula (I) can also be prepared by the reaction of a 1,3-dicarbonyl
15 compound having general formula (VI) with a compound having general formula (VII) according to reaction scheme 3.



In the general formulae indicated in this
20 reaction scheme:

- A, B and R have the meanings previously defined;

- X represents a halogen atom, an $R_{L2}SO_2O^-$ group, wherein R_{L2} represents a C_1-C_4 alkyl or haloalkyl group, a phenyl group optionally substituted by C_1-C_4 alkyl groups, or it represents an $R_{L3}SO_2^-$ group, 5 wherein R_{L3} represents a C_1-C_4 alkyl or haloalkyl group.

The reaction between the compounds having general formula (VI) and the compounds having general formula (VII) is preferably carried out in the 10 presence of one or more inert organic solvents and in the presence of an organic or inorganic base, at a temperature ranging from $-80^\circ C$ to the boiling point of the reaction mixture.

Organic solvents which can be used for the 15 purpose are, for example, aromatic hydrocarbons (benzene, toluene, xylene, chlorobenzene, etc.), ethers (diethyl ether, diisopropyl ether, dimethoxyethane, dioxane, tetrahydrofuran, etc.), alcohols and glycols (methanol, ethanol, methyl 20 cellosolve, ethylene glycol, etc.), ketones (acetone, methyl ethyl ketone, methyl propyl ketone, methyl isobutyl ketone, etc.), nitriles (acetonitrile, benzonitrile, etc.), aprotic dipolar solvents (dimethylformamide, dimethylacetamide,

hexamethylphosphoramide, dimethylsulfoxide, sulfolane, N-methylpyrrolidone, etc.).

Organic bases which can be used for the purpose are, for example, sodium, potassium and magnesium
5 alcoholates, phenyllithium, butyllithium, lithium diisopropylamide, triethylamine, pyridine, 4-N,N-dimethylaminopyridine, N,N-dimethylaniline, N-methyl piperidine, lutidine, diazabicyclooctane (DABCO), diazabicyclononene (DBN), diazabicycloundecene (DBU).

10 Inorganic bases which can be used for the purpose are, for example, sodium or potassium hydrides, hydroxides and carbonates, sodium amide.

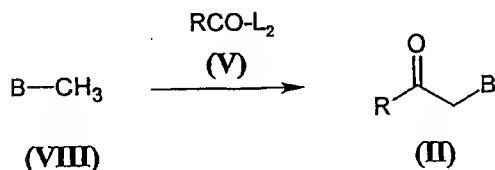
The reaction can also be carried out using suitable catalysts based on transition metals, such
15 as, for example, Cu and Pd.

Examples of these reactions are described in Chem. Pharm. Bull. (1987), vol. 35, pages 4972-4976 and J. Chem. Soc., Perkin 1 (1976), vol. 6, pages 592-594.

20 The 1,3-dicarbonyl compounds having general formula (VI) can be prepared by the acylation of ketones according to what is described, for example, in Organic Reaction (1954), vol. 8, pages 59-196, or in Tetrahedron Letters (2002), vol. 43, pages 2945-
25 2948.

The compounds having general formula (II) can be prepared by the reaction of a compound having general formula (VIII) with an acylating compound having general formula (V) according to reaction scheme 4.

5 Scheme 4:



In the general formulae indicated in this reaction scheme:

- B and R have the meanings previously defined;
 - L₂ represents a suitable leaving group such as, for
- 10 example, a halogen atom, a CN group, an imidazol-1-yl group, an R_LO- group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally substituted, or it represents an R_{L1}COO- group wherein R_{L1} represents a hydrogen atom, a C₁-C₄ alkyl or
- 15 haloalkyl group, a phenyl group optionally substituted or an R group.

The reaction between the compounds having general formula (VIII) and the compounds having general formula (V) is preferably carried out in the

20 presence of an inert organic solvent and in the presence of an organic or preferably inorganic base, at a temperature ranging from -80°C to the

boiling point of the reaction mixture. The reaction can also be carried out in two distinct phases. In the latter case, in the first phase, the compounds having general formula (VIII) are reacted with a
5 base. The intermediate obtained is reacted, in the subsequent phase, with an acylating compound.

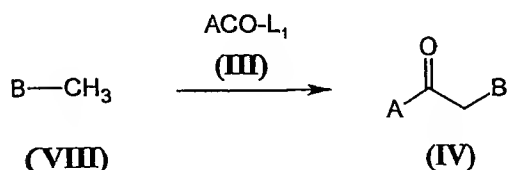
Examples of solvents which can be used for the above reaction comprise aromatic hydrocarbons (benzene, toluene, xylene, chlorobenzene, etc.),
10 ethers (diethyl ether, diisopropyl ether, dimethoxyethane, dioxane, tetrahydrofuran, etc.), aprotic dipolar solvents (dimethylformamide, dimethylacetamide, hexamethylphosphoramide, N-methylpyrrolidone, etc.).

15 Inorganic bases which can be used for the purpose are, for example, sodium and potassium hydrides, hydroxides and carbonates, sodium amide.

Organic bases which can be used for the purpose are, for example, sodium, potassium and magnesium
20 alcoholates, phenyllithium, butyllithium, lithium diisopropylamide, triethylamine, pyridine, 4-N,N-dimethylaminopyridine, N,N-dimethylaniline, N-methyl piperidine, lutidine, diazabicyclooctane (DABCO), diazabicyclononene (DBN), diazabicycloundecene (DBU).

The compounds having general formula (IV) can be prepared by the reaction of a compound having general formula (VIII) with an acylating compound having general formula (III) according to reaction scheme 5.

5 Scheme 5:



In the general formulae indicated in this reaction scheme:

- B and A have the meanings previously defined;
- L₁ represents a suitable leaving group such as, for example, a halogen atom, a CN group, an imidazol-1-yl group, an R_LO- group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally substituted, or it represents an R_{L1}COO- group wherein R_{L1} represents a hydrogen atom, a C₁-C₄ alkyl or haloalkyl group, a phenyl group optionally substituted or an A group.

The reaction between the compounds having general formula (VIII) and the compounds having general formula (III) is preferably carried out in the presence of an inert organic solvent and in the presence of an organic or inorganic base, at a temperature ranging from -80°C to the boiling point

of the reaction mixture. The reaction can also be carried out in two distinct phases. In the latter case, in the first phase, the compounds having general formula (VIII) are reacted with a base. The
5 intermediate obtained is reacted, in the subsequent phase, with an acylating compound.

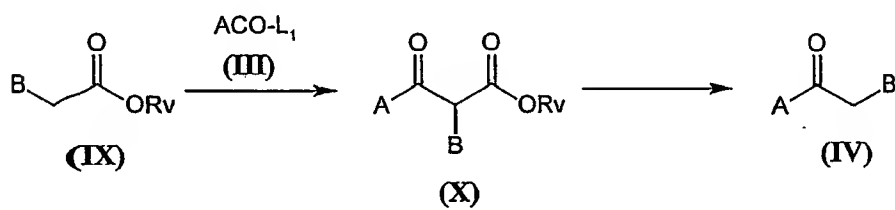
Examples of solvents which can be used for the above reaction comprise aromatic hydrocarbons (benzene, toluene, xylene, chlorobenzene, etc.),
10 ethers (diethyl ether, diisopropyl ether, dimethoxyethane, dioxane, tetrahydrofuran, etc.), aprotic dipolar solvents (dimethylformamide, dimethylacetamide, hexamethylphosphoramide, N-methylpyrrolidone, etc.).

15 Inorganic bases which can be used for the purpose are, for example, sodium and potassium hydrides, hydroxides and carbonates, sodium amide.

Organic bases which can be used for the purpose are, for example, sodium, potassium and magnesium
20 alcoholates, phenyllithium, butyllithium, lithium diisopropylamide, triethylamine, pyridine, 4-N,N-dimethylaminopyridine, N,N-dimethylaniline, N-methyl piperidine, lutidine, diazabicyclooctane (DABCO), diazabicyclononene (DBN), diazabicycloundecene (DBU).

The compounds having general formula (IV) can also be prepared by the reaction of a compound having general formula (IX) with an acylating compound having general formula (III) in the presence of a base. The reaction provides intermediate compounds having general formula (X) which then undergo a hydrolysis and decarboxylation process according to reaction scheme 6.

Scheme 6:

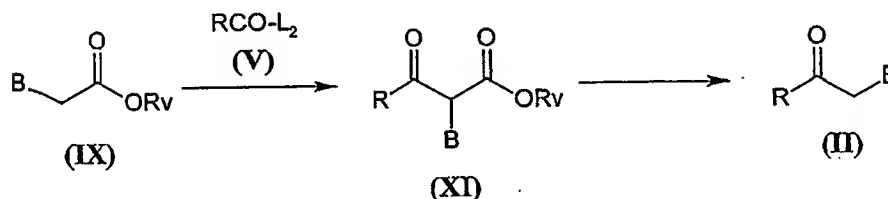


In the general formulae indicated in this reaction scheme:

- B and A have the meanings previously defined;
- L₁ represents a suitable leaving group such as, for example, a halogen atom, a CN group, an imidazol-1-yl group, an R_LO⁻ group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally substituted, or it represents an R_{L1}COO⁻ group wherein R_{L1} represents a hydrogen atom, a C₁-C₄ alkyl or haloalkyl group, a phenyl group optionally substituted or one of the A groups.

- Rv represents a C₁-C₅ alkyl or haloalkyl group, an arylalkyl or aryl group.

The compounds having general formula (II) can also be prepared by the reaction of a compound having general formula (IX) with an acylating compound having general formula (V) in the presence of a base. The reaction provides intermediate compounds having general formula (XI) which then undergo a hydrolysis and decarboxylation process according to reaction scheme 7.



In the general formulae indicated in this reaction scheme:

- B and R have the meanings previously defined;
- L₂ represents a suitable leaving group such as, for example, a halogen atom, a CN group, an imidazol-1-yl group, an R_LO⁻ group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally substituted, or it represents an R_{L1}COO⁻ group wherein R_{L1} represents a hydrogen atom, a C₁-C₄ alkyl or

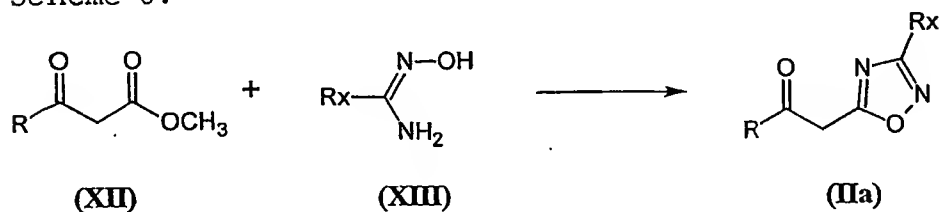
haloalkyl group, a phenyl group optionally substituted or one of the R groups.

- R_v represents a C₁-C₅ alkyl or haloalkyl group, an arylalkyl or aryl group.

5 The reactions indicated in reaction schemes 6 and 7 can be carried out, for example, according to the methods described in J. Am. Chem. Soc. (1950), vol. 72, pages 1352-1356 and in J. Am. Chem. Soc. (1987), vol. 109, pages 4717-4718.

10 The compounds having general formula (II) wherein R has the meanings previously defined and B represents a 1,2,4-oxadiazol-5-yl, compounds (IIa), can be prepared, for example, starting from compounds having general formula (XII) by reaction with an
15 amidoxime having general formula (XIII) according to reaction scheme 8.

Scheme 8:

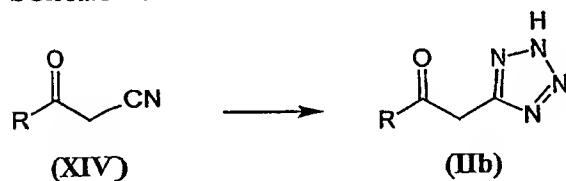


The above reaction can be carried out according to the method described for example in Bull. Soc.
20 Chim. Belges (1949), vol. 58, pages 58-65.

The compounds having general formula (II) wherein R has the meanings previously defined and B represents tetrazol-5-yl (D = tetrazole, $R_x = H$), compounds (IIb), can be prepared, for example, starting from compounds having general formula (XIV) by transforming the cyano group into tetrazole, for example by heating with trimethylsilylazide, in toluene, catalyzed by dibutyltin oxide, according to what is described in J. Org. Chem. (1933), vol. 58, pages 4139-4141, or by heating with sodium azide in water with the catalysis of $ZnBr_2$, as described in J. Org. Chem. (2001), vol. 66, pages 7945-7950.

The above transformation is indicated in reaction scheme 9.

Scheme 9:



The intermediates having general formulae (III), (V), (VII), (VIII), (IX), (XII), (XIII) and (XIV), when not already known as such, can be easily prepared according to methods known in organic chemistry practice.

In some cases, the compounds having general formula (I) can be obtained in the form of two or

more optic or geometric or position isomers. Compounds having general formula (I) which are isomerically pure, and also mixtures of these, possibly obtained during the preparation of the
5 compounds having general formula (I) or deriving from an incomplete separation of the isomers themselves, in any proportion, are therefore considered as being included within the scope of the present invention.

As already mentioned, the compounds having
10 general formula (I) have a high herbicidal activity which makes them suitable for use in the agrarian field in the defense of useful crops from weeds.

In particular, the compounds, object of the present invention, are effective in the control, in
15 both pre-emergence and post-emergence, of numerous monocotyledon and dicotyledon weeds. At the same time, these compounds show compatibility or the absence of toxic effects with respect to useful crops in pre- and/or post-emergence treatments.

20 The compounds of the present invention can act as total or selective herbicides also in relation to the quantity of active principle used.

Examples of weeds which can be effectively controlled using the compounds having general formula
25 (I) are: Abutilon theophrasti, Alisma plantago,

Amaranthus spp., Amni maius, Capsella bursa pastoris,
Chenopodium album, Convolvulus sepium, Galium
aparine, Geranium dissectum, Ipomea spp., Matricaria
spp., Papaver rhoas, Phaseolus aureus, Polygonum
5 persicaria, Portulaca oleracea, Sida spinosa,
Sinapsis arvensis, Solanum nigrum, Stellaria media,
Veronica spp., Viola spp., Xanthium spp., Alopercurus
myosuroides, Avena fatua, Cyperus spp., Digitaria
sanguinalis, Echinocloa spp., Heleocaris avicularis,
10 Heteranthera spp., Panicum spp., Poa spp., Scirpus
spp., Sorghum spp., etc.

With the doses of use suitable for agrarian applications, many of the above compounds showed no toxic effects towards one or more important agrarian
15 crops such as corn (Zea mays), wheat (Triticum sp.),
barley (Hordeum vulgare), soybean (Glycine max), rice
(Oryza sativa).

A further object of the present invention
20 relates to a method for controlling weeds in
cultivated areas by the application of the compounds
having general formula (I).

The quantity of compound to be applied for
obtaining the desired effect can vary in relation to
25 various factors such as, for example, the compound

used, the crop to be preserved, the weed to be fought, the degree of infestation, the climatic conditions, the characteristics of the soil, the application method, etc.

5 Doses of compound ranging from 1 g to 4,000 g per hectare generally provide a sufficient control.

For use in agriculture, it is often advantageous to adopt compositions with a herbicidal activity containing, as active substance, one or more
10 compounds having general formula (I), optionally also as a mixture of tautomers and/or isomers.

Compositions can be used in the form of dry powders, wettable powders, emulsifiable concentrates, micro-emulsions, pastes, granulates, solutions,
15 suspensions, etc.: the selection of the type of composition depends on the specific use.

The compositions are prepared according to known methods, for example by diluting or dissolving the active substance by means of a solvent medium and/or
20 solid diluent, possibly in the presence of surface-active agents.

Kaolin, alumina, silica, talc, bentonite, chalk, quartz, dolomite, attapulgite, montmorillonite, diatomaceous earth, cellulose, starch, etc., can be
25 used as inert solid diluents, or carriers.

Inert liquid diluents which can be used, are water or organic solvents such as aromatic hydrocarbons (xylols, blends of alkyl benzenes, etc..), aliphatic hydrocarbons (hexane, cyclohexane, etc..), halogenated aromatic hydrocarbons (chlorobenzene, etc..), alcohols (methanol, propanol, butanol, octanol, etc..), esters (isobutyl acetate, etc..), ketones (acetone, cyclohexanone, acetophenone, isophorone, ethylamylketone etc..), or
5 vegetable and mineral oils or mixtures thereof, etc..
10

Surfactants which can be used are wetting and emulsifying agents, of the non-ionic type (polyethoxylated alkyl phenols, polyethoxylated fatty alcohols, etc..), of the anionic type
15 (alkylbenzenesulphonates, alkylsulphonates, etc..), of the cationic type (alkyl ammonium quaternary salts, etc..).

Dispersing agents can also be added (for example lignin and its salts, cellulose derivatives,
20 alginates, etc..), stabilizers (for example antioxidants, UV absorbers, etc..).

In order to enlarge the action range of the above compositions, it is possible to add active ingredients, such as, for example, other herbicides,

fungicides, insecticides, acaricides, fertilizers, etc..

Examples of other herbicides which can be added to the compositions containing one or more compounds
5 having general formula (I), are the following:

Acetochlor, acifluorfen, aclonifen, AKH-7088,
alachlor, alloxydim, ametryn, amicarbazone,
amidosulfuron, amitrole, anilofos, asulam, atrazine,
azafenidin, azimsulfuron, aziprotryne, BAS 670 H, BAY
10 MKH 6561, beflubutamid, benazolin, benfluralin,
benfuresate, bensulfuron, bensulide, bentazone,
benzfendizone, benzobicyclon, benzofenap,
benzthiazuron, bifenox, bilanafos, bispyribac-sodium,
bromacil, bromobutide, bromofenoxim, bromoxynil,
15 butachlor, butafenacil, butamifos, butenachlor,
butralin, butroxydim, butylate, cafenstrole,
carbetamide, carfentrazone-ethyl, chlomethoxyfen,
chloramben, chlorbromuron, chlorbufam, chlorflurenol,
chloridazon, chlorimuron, chlornitrofen,
20 chlorotoluron, chloroxuron, chlorpropham,
chlorsulfuron, chlorthal, chlorthiamid, cinidon
ethyl, cinmethylin, cinosulfuron, clethodim,
clodinafop, clomazone, clomeprop, clopyralid,
cloransulam-methyl, cumyluron (JC-940), cyanazine,
25 cycloate, cyclosulfamuron, cycloxydim, cyhalofop-

butyl, 2,4-D, 2,4-DB, daimuron, dalapon, desmedipham,
desmetryn, dicamba, dichlobenil, dichlorprop,
dichlorprop-P, diclofop, diclosulam, diethatyl,
difenoxuron, difenzoquat, diflufenican,
5 diflufenzopyr, dimefuron, dimepiperate, dimethachlor,
dimethametryn, dimethenamid, dinitramine, dinosseb,
dinoseb acetate, dinoterb, diphenamid, dipropetryn,
diquat, dithiopyr, 1-diuron, eglinazine, endothal,
EPTC, espropcarb, ethalfluralin, ethametsulfuron-
10 methyl, ethidimuron, ethiozin (SMY 1500),
ethofumesate, ethoxyfen-ethyl (HC-252),
ethoxysulfuron, etobenzanid (HW 52), fenoxaprop,
fenoxaprop-P, fentrazamide, fenuron, flamprop,
flamprop-M, flazasulfuron, florasulam, fluazifop,
15 fluazifop-P, fluazolate (JV 485), flucarbazone-
sodium, fluchloralin, flufenacet, flufenpyr ethyl,
flumetsulam, flumiclorac-pentyl, flumioxazin,
flumipropin, fluometuron, fluoroglycofen,
fluoronitrofen, flupoxam, fluproanate,
20 flupyrsulfuron, flurenol, fluridone, flurochloridone,
fluroxypyr, flurtamone, fluthiacet-methyl, fomesafen,
foramsulfuron, fosamine, furyloxyfen, glufosinate,
glyphosate, halosulfuron-methyl, haloxyfop,
haloxyfop-P-methyl, hexazinone, imazamethabenz,
25 imazamox, imazapic, imazapyr, imazaquin, imazethapyr,

imazosulfuron, indanofan, iodosulfuron, ioxynil,
isopropalin, isoproturon, isouron, isoxaben,
isoxachlortole, isoxaflutole, isoxapyrifop, KPP-421,
lactofen, lenacil, linuron, LS830556, MCPA, MCPA-
5 thioethyl, MCPB, mecoprop, mecoprop-P, mefenacet,
mesosulfuron, mesotrione, metamitron, metazachlor,
methabenzthiazuron, methazole, methoprotryne,
methyldymron, metobenzuron, metobromuron,
metolachlor, S-metolachlor, metosulam, metoxuron,
10 metribuzin, metsulfuron, molinate, monalide,
monolinuron, naproanilide, napropamide, naptalam, NC-
330, neburon, nicosulfuron, nipyraclufen,
norflurazon, orbencarb, oryzalin, oxadiargyl,
oxadiazon, oxasulfuron, oxaziclomefone, oxyfluorfen,
15 paraquat, pebulate, pendimethalin, penoxsulam,
pentanochlor, pentoxazone, pethoxamid,, phenmedipham,
picloram, picolinafen, piperophos, pretilachlor,
primisulfuron, prodiamine, profluazol, proglinazine,
prometon, prometryne, propachlor, propanil,
20 propaquizafop, propazine, propham, propisochlor,
propyzamide, prosulfocarb, prosulfuron, pyraclonil,
pyraflufen-ethyl, pyrazogyl (HAS-961), pyrazolynate,
pyrazosulfuron, pyrazoxyfen, pyribenzoxim,
pyributicarb, pyridafol, pyridate, pyriftalid,
25 pyriminobac-methyl, pyriithiobac-sodium, quinclorac,

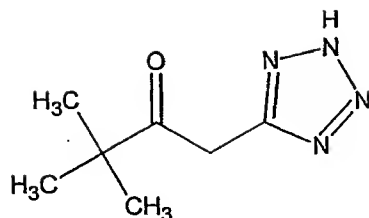
quinmerac, quizalofop, quizalofop-P, rimsulfuron,
sethoxydim, siduron, simazine, simetryn, sulcotrione,
sulfentrazone, sulfometuron-methyl, sulfosulfuron,
2,3,6-TBA, TCA-sodium, tebutam, tebuthiuron,
5 tepraloxydim, terbacil, terbumeton, terbuthyl-azine,
terbutryn, thenylchlor, thiazafluron, thiazopyr,
thidiazimin, thifensulfuron-methyl, thiobencarb,
tiocarbazil, tioclorim, tralkoxydim, tri-allate,
triasulfuron, triaziflam, tribenuron, triclopyr,
10 trietazine, trifloxysulfuron, trifluralin,
triflusulfuron-methyl, tritosulfuron, UBI-C4874,
vernolate.

The concentration of active substance in the
above compositions can vary within a wide range,
15 depending on the active compound, the applications to
which they are destined, the environmental conditions
and the type of formulation adopted. In general, the
concentration of active substance preferably ranges
from 1 to 90%.

20 Some examples are now provided for illustrative
and non-limiting purposes of the present invention.

EXAMPLE 1

Synthesis of 3,3-dimethyl-1-(tetrazol-5-yl)butane-2-one.



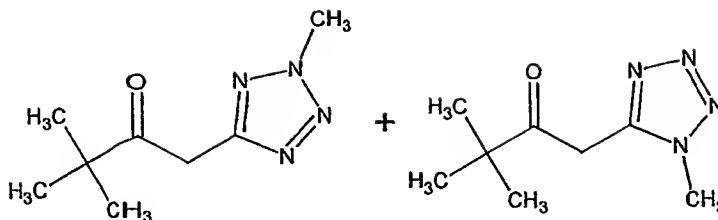
NaN₃ (1.71 g) and ZnBr₂ (5.40 g) are added to a suspension of 4,4-dimethyl-3-oxopentanenitrile (3.00 g) in 50 ml of water and 4 ml of isopropyl alcohol and the resulting mixture is stirred at 90°C for 12 hours.

After completion of the reaction, 15 ml of 10% HCl are added, then the mixture is extracted two times with ethyl acetate; the organic phase is then evaporated under reduced pressure. The residue is stirred with 100 ml of 10% NaOH for 20 minutes, then cooled with an ice bath and acidified with concentrated HCl: the white precipitate is extracted two times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

The resulting solid is purified by washing with dichloromethane to obtain 2.75 g of pure product (yield: 68%).

EXAMPLE 2

Synthesis of 3,3-dimethyl-1-(2-methyl-2H-tetrazol-5-yl)butane-2-one and 3,3-dimethyl-1-(1-methyl-1H-tetrazol-5-yl)butane-2-one.



K_2CO_3 (1.40 g) and CH_3I (1.32 g) are added to a solution of 3,3-dimethyl-1-(2-methyl-2H-tetrazol-5-yl)butan-2-one (1.42 g) in 35 ml of acetone under an inert atmosphere,; the mixture is stirred at room temperature for 20 hours.

The solvent is then evaporated, the residue is taken up with water and extracted two times with ethyl acetate, which is then washed with water, dried with Na_2SO_4 and evaporated.

The raw product is purified by flash chromatography, isolating the two isomers 3,3-dimethyl-1-(2-methyl-2H-tetrazol-5-yl)butan-2-one (0.60 g, yield: 39%) and 3,3-dimethyl-1-(1-methyl-1H-tetrazol-5-yl)butan-2-one (0.64 g, yield: 42%). The structure of each isomer was assigned according to the NMR spectra.

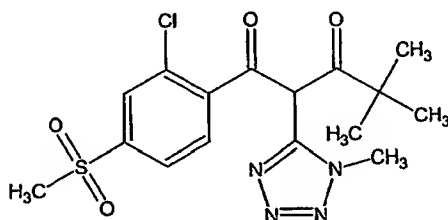
1H -NMR ($CDCl_3$):

- (2-methyl isomer) - δ 1.24 (s, 9H, t-butyl), 4.12 (s, 2H, CH_2), 4.32 (s, 3H, N- CH_3)
- (1-methyl isomer) - δ 1.19 (s, 9H, t-butyl), 3.90 (s, 3H, N- CH_3), 4.17 (s, 2H, CH_2)

EXAMPLE 3

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-4,4-dimethyl-2-(1-methyl-1H-tetrazol-5-yl)pentane-1,3-dione (Compound N° 1).

5



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.279 g) is
10 added to a solution of 3,3-dimethyl-1-(1-methyl-1H-tetrazol-5-yl)butan-2-one (0.64 g) in 16 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 16 ml of dry
15 tetrahydrofuran, under an inert atmosphere, then a solution of 2-chloro-4-(methylsulphonyl)benzoyl chloride (1.04 g) in dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

After completion of the reaction, the solvent is
20 evaporated and the residue is taken up with water and ethyl acetate; after acidification with 10% HCl the organic phase is recovered and extracted three times with

aqueous NaHCO_3 saturated solution. The combined basic aqueous phases are acidified and extracted three times with ethyl acetate, which is then dried with Na_2SO_4 and evaporated, obtaining an off-white solid.

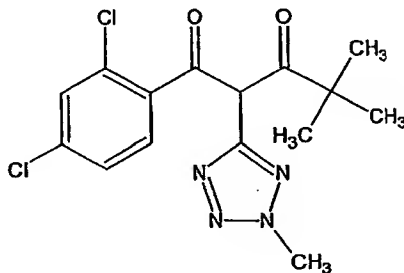
5 The raw product is purified by filtration over silica gel eluting with dichloromethane/methanol 8:2, then by washing the obtained solid with acetone, thus obtaining 0.60 g of product as a white solid (yield: 45%, m.p. 195-200°C).

10 $^1\text{H-NMR}$ (CDCl_3): δ 1.07 (s, 9H, t-butyl), 3.01 (s, 3H, SO_2CH_3), 3.76 (s, 3H, N- CH_3), 7.30-7.94 (m, 3H, arom. H's)

EXAMPLE 4

Synthesis of 1-(2,4-dichlorophenyl)-4,4-dimethyl-2-(2-methyl-2H-tetrazol-5-yl)pentane-1,3-dione (Compound N° 2).

15



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.257 g) is added to a solution of starting 3,3-dimethyl-1-(2-methyl-2H-tetrazol-5-yl)butan-2-one (0.59 g) in 16 ml of dry

20

tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 16 ml of dry tetrahydrofuran, under an inert atmosphere, then a solution of 2,4-dichlorobenzoyl chloride (0.746 g) in dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

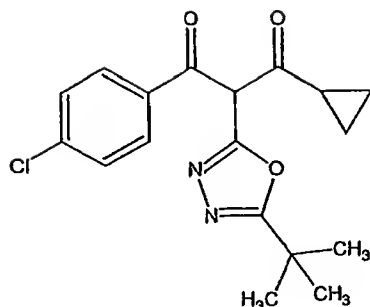
After completion of the reaction, the solvent is evaporated and the residue is taken up with water and extracted with ethyl acetate; the organic phase is washed with diluted HCl, with brine, then dried with Na₂SO₄ and evaporated.

The raw product is purified by flash chromatography to obtain 0.49 g of product (yield: 43%).

¹H-NMR (CDCl₃): (mixture of two keto-enolic tautomers) δ 1.05, 1.10 (2s, 9H, t-butyl), 4.19, 4.33 (2s, 3H, N-CH₃), 6.62 (s, 1H, CO -CH-CO), 7.04-7.50 (m, 3H, arom. H's)

EXAMPLE 5

Synthesis of 2-(5-tert-butyl-1,3,4-oxadiazol-2-yl)-1-(4-chlorophenyl)-3-(cyclopropyl)propane-1,3-dione (Compound N° 3).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.209 g) is added to a solution of 2-(5-tert-butyl-1,3,4-oxadiazol-2-yl)-1-(4-chlorophenyl)ethanone (0.50 g) in 10 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 10 ml of dry tetrahydrofuran, under an inert atmosphere, then cyclopropanecarbonylchloride (0.208 g) is added; the stirred mixture is refluxed for 3 more hours.

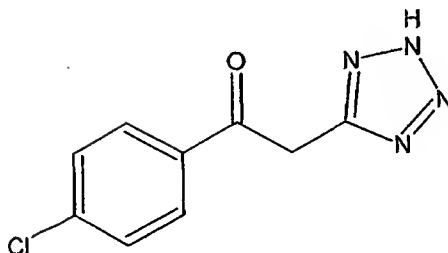
After completion of the reaction, the solvent is evaporated and the residue is taken up with water and extracted with ethyl acetate; the organic phase is washed with diluted HCl, with brine, then dried with Na_2SO_4 and evaporated.

The raw product is purified by flash chromatography to obtain 0.28 g of pure product (yield: 44%).

$^1\text{H-NMR}$ (CDCl_3): δ 1.01-1.43 (m, 4H, $\text{CH}_2\text{-CH}_2$), 1.20 (s, 9H, t-butyl), 2.12-2.22 (m, 1H, CH), 7.26 (s, 4H, arom. H's)

EXAMPLE 6

Synthesis of 1-(4-chlorophenyl)-2-(2H-tetrazol-5-yl)ethanone.



5

NaN₃ (1.19 g) and ZnBr (3.76 g) are added to a suspension of 3-(4-chlorophenyl)-3-oxopropanenitrile (3.00 g) in 30 ml of H₂O and 4 ml of isopropyl acid and
10 the resulting mixture is stirred at 90°C for 12 hours.

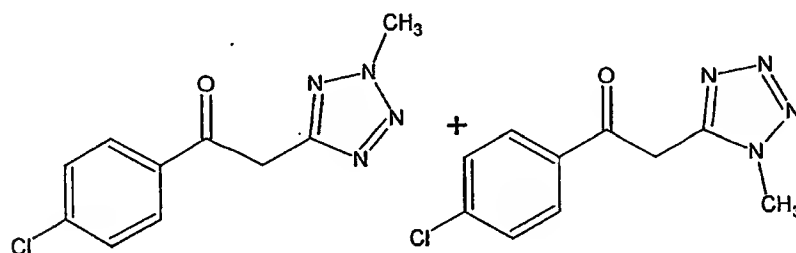
After completion of the reaction, 15 ml of 10% HCl are added, then the mixture is extracted two times with ethyl acetate; the combined organic phases are then evaporated under reduced pressure. The residue is stirred
15 with 100 ml of 10% NaOH for 6 hours, then the mixture is cooled with an ice bath and acidified with concentrated HCl: the white precipitate is extracted two times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

20 The resulting solid is purified by digestion in ethyl acetate to obtain 1.76 g of pure product (yield: 47%)

$^1\text{H-NMR}$ (acetone- d_6) : δ 4.98 (s, 2H, CH_2), 7.60-8.20 (m, 4H, arom. H's)

EXAMPLE 7

Synthesis of 1-(4-chlorophenyl)-2-(2-methyl-2H-tetrazol-5-yl)ethanone and 1-(4-chlorophenyl)-2-(1-methyl-1H-tetrazol-5-yl)ethanone.

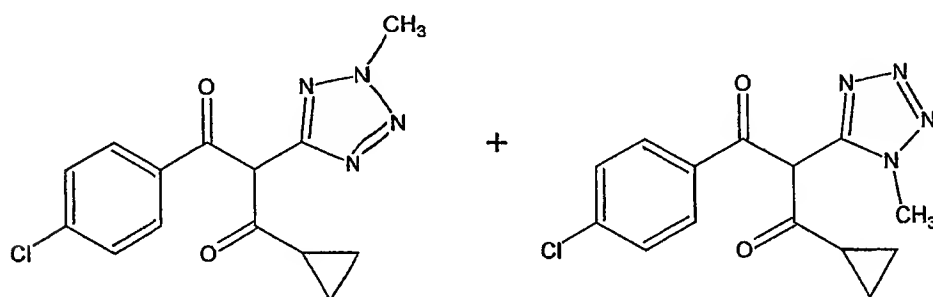


K_2CO_3 (0.47 g) and CH_3I (0.32 g) are added to a solution of 1-(4-chlorophenyl)-2-(2H-tetrazol-5-yl)ethanone (0.50 g) in 15 ml of acetone, under an inert atmosphere; the mixture is stirred at room temperature for 20 hours.

The solvent is then evaporated, the residue is taken up with water and extracted two times with ethyl acetate, which is then washed with water, dried with Na_2SO_4 and evaporated, thus obtaining a solid raw product (0.56 g) containing the two isomers (1-(4-chlorophenyl)-2-(2-methyl-2H-tetrazol-5-yl)ethanone and 1-(4-chlorophenyl)-2-(1-methyl-1H-tetrazol-5-yl)ethanone), which is used for the following reaction.

EXAMPLE 8

Synthesis of 1-(4-chlorophenyl)-3-cyclopropyl-2-(2-methyl-2H-tetrazol-5-yl)propane-1,3-dione (Compound N° 4) and 1-(4-chlorophenyl)-3-cyclopropyl-2-(1-methyl-1H-tetrazol-5-yl)propane-1,3-dione (Compound N° 5).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.263 g) is added to a solution of the starting mixture of 1-(4-chlorophenyl)-2-(2-methyl-2H-tetrazol-5-yl)ethanone and 1-(4-chlorophenyl)-2-(1-methyl-1H-tetrazol-5-yl)ethanone (0.53 g) in 10 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 10 ml of dry tetrahydrofuran, under an inert atmosphere, then cyclopropanecarbonylchloride (0.235 g) is added; the stirred mixture is refluxed for 3 more hours.

After completion of the reaction, the solvent is evaporated and the residue is taken up with water and

extracted with ethyl acetate; the organic phase is washed with diluted HCl, with brine, then dried with Na₂SO₄ and evaporated.

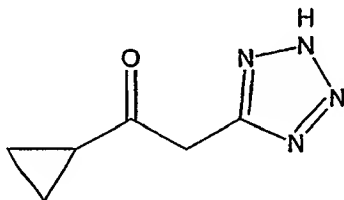
The raw product is purified by flash chromatography to obtain 0.26 g of 2-methyl isomer (yield: 37%) and 0.17 g of 1-methyl isomer (yield: 24%).

¹H-NMR (CDCl₃):

- (2-methyl isomer) - δ 0.90-1.67 (m, 5H, ciclopropyl), 4.29 (s, 3H, N-CH₃), 7.18 (s, 4H, arom. H's)
- 10 • (1-methyl isomer) - δ 0.9-1.61 (m, 5H, ciclopropyl), 3.49 (s, 3H, N-CH₃), 7.12-7.27 (m, 4H, arom. H's)

EXAMPLE 9

Synthesis of 1-cyclopropyl-2-(tetrazol-5-yl)ethanone



15

NaN₃ (5.0 g) and ZnBr (14.5 g) are added to a suspension of 3-cyclopropyl-3-oxopropanenitrile (7.0 g) in 130 ml of water and 10 ml of isopropyl alcohol and the resulting mixture is stirred at 100°C for 12 hours.

20 After completion of the reaction, 60 ml of 10% HCl are added, then the mixture is extracted three times with ethyl acetate; the organic phase is then evaporated under reduced pressure. The residue is stirred with 400 ml of

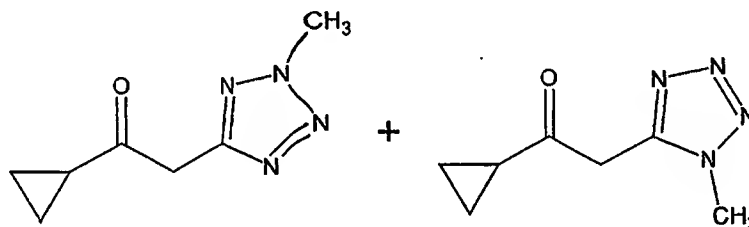
1% NaOH for 20 hours, cooled with an ice bath and acidified with 10% HCl; the mixture is extracted three times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

5 The resulting solid is purified by washing with CH₂Cl₂ to obtain 3.6 g of pure product (yield: 37%).

EXAMPLE 10

Synthesis of 1-cyclopropyl-2-(2-methyl-2H-tetrazol-5-yl)ethanone and 1-cyclopropyl-2-(1-methyl-1H-tetrazol-5-yl)ethanone

10



K₂CO₃ (4.85 g) and CH₃I (3.99 g) are added to a solution of 1-cyclopropyl-2-(tetrazol-5-yl)ethanone (3.56 g) in 90 ml of acetone, under an inert atmosphere; the mixture is then stirred at room temperature for 20 hours.

15

The solvent is then evaporated, the residue is taken up with water/ethyl acetate and the mixture is acidified to pH 1-2 with HCl 10%; the aqueous phase is extracted two more times with ethyl acetate; the combined organic phases are then washed with brine, dried with Na₂SO₄ and evaporated.

20

The raw product is purified by flash chromatography, isolating the two isomers 2-methyl (1.95 g, yield: 50%) and 1-methyl (1.13 g, yield: 29%).

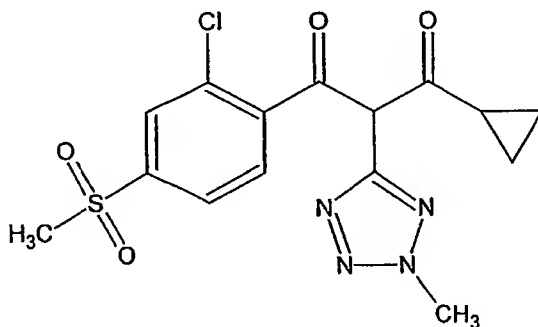
¹H-NMR (CDCl₃):

- 5 • (2-methyl isomer) - δ 0.90-1.16 (m, 4H, CH₂-CH₂),
2.06 (m, 1H, COCH), 4.15 (s, 2H, COCH₂), 4.33 (s, 3H, N-CH₃)
- (1-methyl isomer) - δ 0.98-1.18 (m, 4H, CH₂-CH₂),
2.07 (m, 1H, COCH), 3.96 (s, 2H, COCH₂), 4.25 (s, 3H, N-CH₃)
- 10

EXAMPLE 11

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(2-methyl-2H-tetrazol-5-yl)propane-1,3-dione (Compound N° 6, corresponding to compound N° 610 in

15 table 2)



Under an inert atmosphere, Mg(OEt)₂ (0.383 g) is

20 added to a solution of 1-cyclopropyl-2-(2-methyl-2H-tetrazol-5-yl)ethanone (0.80 g) in 22 ml of dry

tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 15 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4-(methylsulphonyl)benzoyl chloride (0.96 g) in 20 ml of dry tetrahydrofuran is added ; the stirred mixture is refluxed for 5 more hours.

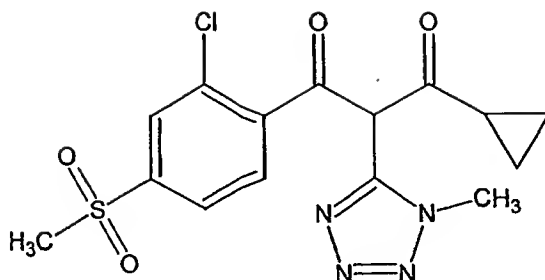
After completion of the reaction, the solvent is evaporated and the residue is taken up with water and ethyl acetate; after acidification with 10% HCl the organic phase is recovered and extracted three times with aqueous NaHCO₃. The combined basic aqueous phases are acidified and extracted three times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

The raw product is purified by washing with warm ethyl acetate, to obtain 0.58 g of product as an orange solid (yield: 40%; m.p.: 220°C).

¹H-NMR (CDCl₃): δ 1.02-1.96 (m, 5H, cyclopropyl), 3.03 (s, 3H, SO₂CH₃), 4.21 (s, 3H, N-CH₃), 7.42-7.86 (m, 3H, arom. H's), 17.52 (s, 1H, OH).

EXAMPLE 12

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(1-methyl-1H-tetrazol-5-yl)propane-1,3-dione (Compound N° 7, corresponding to compound N° 605 in table 2)



5 Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.278 g) is added to a solution of starting 1-cyclopropyl-2-(1-methyl-1H-tetrazol5-yl)ethanone (0.58 g) in 15 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

10 The residue is taken up with 2 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4(methylsulphonyl)benzoyl chloride (0.97 g) in 16 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 5 more hours.

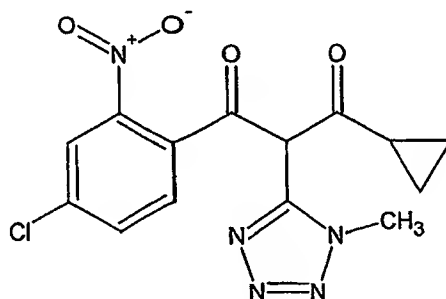
15 The solvent is then evaporated and the residue is taken up with water and ethyl acetate; after acidification with 10% HCl the organic phase is collected and extracted two times with aqueous NaHCO_3 . The combined basic aqueous phases are acidified and extracted three
20 times with ethyl acetate, which is then dried with Na_2SO_4 and evaporated.

The raw product is purified by flash chromatography, to obtain 0.81 g of product as an orange solid (yield: 61%; m.p.: 104°C).

¹H-NMR (CDCl₃): δ 1.09-1.42 (m, 5H, cyclopropyl),
5 3.02 (s, 3H, SO₂CH₃), 3.91 (s, 3H, N-CH₃), 7.47-7.89 (m, 3H, arom. H's), 17.44 (s, 1H, OH).

EXAMPLE 13

Synthesis of 1-(4-chloro-2-nitrophenyl)-2-3-cyclopropyl-
(1-methyl-1H-tetrazol-5-yl)propane-1,3-dione (Compound N°
10 8, corresponding to compound N° 968 in table 2).



Under an inert atmosphere, Mg(OEt)₂ (0.263 g) is added to a solution of 1-cyclopropyl-2-(1-methyl-1H-tetrazol-5-yl)ethanone (0.55 g) in 15 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3
15 hours, then completely evaporated under reduced pressure.

The residue is taken up with 7 ml of dry tetrahydrofuran, under an inert atmosphere, then a
20 solution of the 4-chloro-2-nitrobenzoyl chloride (0.80 g)

in 8 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

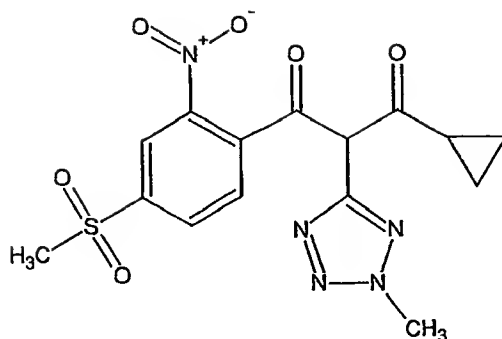
The solvent is then evaporated and the residue is taken up with water and ethyl acetate; after
5 acidification with 10% HCl the organic phase is collected and extracted two times with aqueous NaHCO₃. The combined basic aqueous phases are acidified and extracted three times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

10 The raw product is purified by flash chromatography, to obtain 0.72 g of product as an orange solid (yield: 61%; m.p.: 152°C).

¹H-NMR (CDCl₃): δ 1.05-1.52 (m, 5H, cyclopropyl),
3.92 (s, 3H, N-CH₃), 7.39-7.93 (m, 3H, arom. H's), 17.07
15 (s, 1H, OH).

EXAMPLE 14

Synthesis of 3-cyclopropyl-1-[4-(methanesulphonyl)-2-nitrophenyl]-2-(2-methyl-2H-tetrazol-5-yl)propane-1,3-dione (Compound N° 9, corresponding to compound N° 247 in
20 table 2).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.171 g) is added to a solution of 1-cyclopropyl-2-(2-methyl-2H-tetrazol-5-yl)ethanone (0.35 g) in 9 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 3 ml of dry tetrahydrofuran, under an inert atmosphere, then a solution of 4-methylsulphonyl-2-nitrobenzoyl chloride (0.61 g) in 6 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

The solvent is then evaporated and the residue is taken up with water and ethyl acetate; after acidification with 10% HCl the organic phase is collected and extracted three times with aqueous NaHCO_3 . The combined basic aqueous phases are slowly acidified to pH 5 and extracted with ethyl acetate, which is then washed three times with pH 5 buffered solution until all the

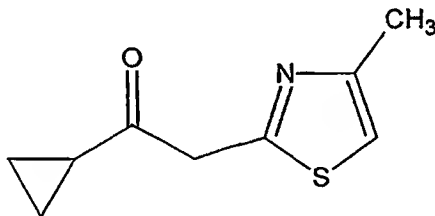
benzoic acid is eliminated, dried with Na_2SO_4 and evaporated.

The resulting solid is purified by filtration over silica gel eluting with ethyl acetate to obtain 0.24 g of pure product as a light brown solid (yield: 61%; m.p 186°C, decomposition).

$^1\text{H-NMR}$ (CDCl_3): δ 1.08-1.99 (m, 5H, cyclopropyl), 3.09 (s, 3H, SO_2CH_3), 4.17 (s, 3H, N- CH_3), 7.47-8.62 (m, 3H, arom. H's), 17.19 (s, 1H, OH).

10 EXAMPLE 15

Synthesis of 1-cyclopropyl-2-(4-methyl-1,3-thiazol-2-yl)ethanone.



15

Under an inert atmosphere and in dried glassware, 2,4-dimethyl-1,3-thiazole (3.15 g) is dissolved in 90 ml of anhydrous tetrahydrofuran; 17.4 ml of 1.6 M butyllithium solution in hexanes are then added dropwise: the solution temperature rises to about 40 °C; after the addition, the mixture is stirred for 30 minutes, allowing the temperature to return to about 25°C.

The reaction mixture is then cooled in an ice bath and a solution of ethyl cyclopropanecarboxylate (3.17 g) in 15 ml of anhydrous tetrahydrofuran is quickly added; the ice bath is removed and the resulting solution is stirred at 50°C for 3 hours.

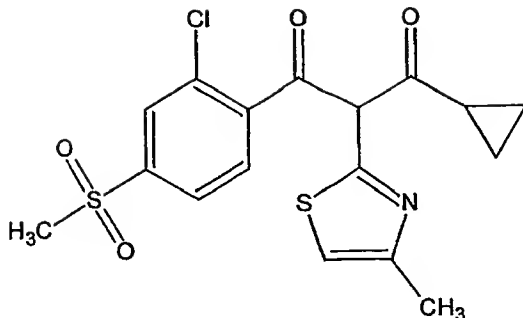
After completion of the reaction, the solvent is removed at reduced pressure and the residue taken up with 5% HCl, which is washed with a little portion of diethyl ether, then slowly neutralized to pH 7-7.5 and extracted three times with diethyl ether.

The combined organic phases are dried with Na₂SO₄ and evaporated, yielding a dark oil, which is purified by flash chromatography to obtain 0.72 g of desired product as an oil (yield: 14%).

¹H-NMR (CDCl₃): δ 0.89-1.24 (m, 4H, CH₂CH₂), 2.06 (m, 1H, CH), 2.43 (s, 3H, CH₃), 4.23 (s, 2H, CH₂), 6.83 (s, 1H, thiazole H)

EXAMPLE 16

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(4-methyl-1,3-thiazol-2-yl)propane-1,3-dione (Compound N° 10, corresponding to compound N° 485 in table 2).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.316 g) is added to a solution of 1-cyclopropyl-2-(4-methyl-1,3-thiazol-2-yl)ethanone (0.72 g) in 18 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 3 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4(methylsulphonyl)benzoyl chloride (1.11 g) in 15 ml of dry tetrahydrofuran is added ; the stirred mixture is refluxed for 3 more hours.

After completion of the reaction, the solvent is evaporated and the residue is taken up with ethyl acetate and 1% HCl, then the mixture is neutralized with NaHCO_3 and extracted three times with ethyl acetate; the combined organic phases are washed with brine, dried with Na_2SO_4 and evaporated.

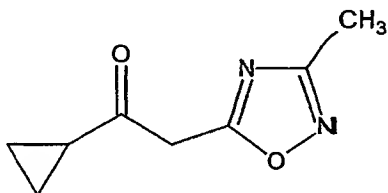
The resulting solid is purified by washing with diethyl ether to obtain 1.06 g of pure product as an off-white solid (yield: 67%; m.p.: 199°C).

¹H-NMR (CDCl₃): δ 0.51-1.35 (m, 5H, cyclopropyl), 2.43 (2s, 3H, Ar-CH₃), 3.07 (s, 3H, SO₂CH₃), 6.59 (2s, 1H, thiazole H), 7.58-8.02 (m, 3H, arom. H's), 14.78 (s, 1H, OH).

5 MS-DCI: m/z 398 (M+1).

EXAMPLE 17

Synthesis of 1-cyclopropyl-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethanone



10

Under an inert atmosphere, acetamidoxime (1.56 g) is added to a solution of methyl 3-cyclopropyl-3-oxopropanoate (3.0 g) in 50 ml of toluene; the stirred mixture is heated to 130°C while distilling off the solvent and methanol formed in the reaction.

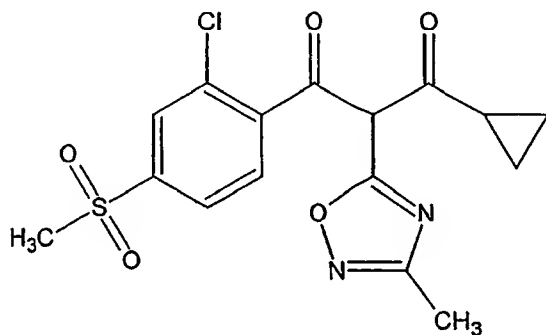
When all the solvent has been removed, 50 ml of toluene and 1.56 g of acetamidoxime are added again to the residue and the distillation continued until all of this second portion of solvent has been removed.

The residue is then purified by flash chromatography to obtain 1.48 g of pure product as a violet oil (yield: 42%).

$^1\text{H-NMR}$ (CDCl_3): δ 0.95-1.18 (m, 4H, CH_2CH_2), 2.00 (m, 1H, CH), 2.40 (s, 3H, CH_3), 4.14 (s, 2H, CH_2).

EXAMPLE 18

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(3-methyl-1,2,4-oxadiazol-5-yl)propane-1,3-dione (Compound N° 11, corresponding to compound N° 385 in table 2).



10

Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.239 g) is added to a solution of 1-cyclopropyl-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethanone (0.50 g) in 13 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 3 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4-(methylsulphonyl)benzoyl chloride (0.84 g) in 10 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

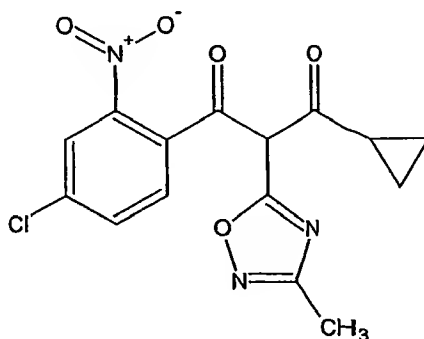
After completion of the reaction, the solvent is evaporated and the residue is taken up with ethyl acetate and 1% HCl, then neutralized with aqueous NaHCO₃ and extracted three times with 5% NaOH; the combined basic aqueous phases are acidified and extracted three times with ethyl acetate, which is then washed with brine, dried with Na₂SO₄ and evaporated.

The resulting solid is purified by washing with diethyl ether to obtain 0.90 g of pure product as an off-white solid (yield: 78%; m.p.: 188°C).

¹H-NMR (CDCl₃): δ 1.19-1.48 (m, 4H, CH₂CH₂), 2.29 (2s, 3H, Ar-CH₃), 2.55 (m, 1H, CH), 3.06 (s, 3H, SO₂CH₃), 7.46-7.93 (m, 3H, arom. H's), 17.93 (bs, 1H, OH).

EXAMPLE 19

15 **Synthesis of 1-(4-chloro-2-nitrophenyl)-3-cyclopropyl-2-(3-methyl-1,2,4-oxadiazol-5-yl)propane-1,3-dione**
(Compound N° 12, corresponding to compound N° 748 in table 2).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.215 g) is added to a solution of 1-cyclopropyl-2-(3-methyl-1,2,4-oxadiazol-5-yl)ethanone (0.45 g) in 12 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 6 ml of dry tetrahydrofuran, under an inert atmosphere, then a solution of 4-chloro-2-nitrobenzoyl chloride (0.66 g) in 6 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

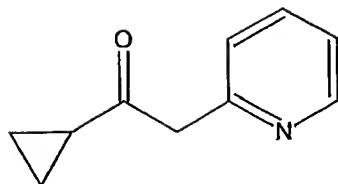
After completion of the reaction, the solvent is evaporated and the residue is taken up with ethyl acetate and 1% HCl, then neutralized with aqueous NaHCO_3 and extracted three times with 5% NaOH; the combined basic aqueous phases are acidified and extracted three times with ethyl acetate, which is then washed with brine, dried with Na_2SO_4 and evaporated.

The resulting solid is purified by washing with a little portion of diethyl ether to obtain 0.51 g of pure product as an off-white solid (yield: 54%; m.p.: 127°C).

$^1\text{H-NMR}$ (CDCl_3): δ 1.18–1.49 (m, 4H, CH_2CH_2), 2.25 (2s, 3H, Ar- CH_3), 2.47 (m, 1H, CH), 7.16–8.15 (m, 3H, arom. H's), 17.61 (bs, 1H, OH).

EXAMPLE 20

Synthesis of 1-cyclopropyl-2-(pyridin-2-yl)ethanone



Under an inert atmosphere and in dried glassware, 2-
5 picoline (9.43 g) is dissolved in 95 ml of anhydrous tetrahydrofuran; 63.1 ml of 1.6 M butyllithium solution in hexanes are then added: the solution temperature rises to about 40 °C; after the addition, the mixture is stirred for 30 minutes at 40°C.

10 A solution of methyl cyclopropanecarboxylate (5.07 g) in 5 ml of anhydrous tetrahydrofuran is then quickly added and the mixture is stirred for 1 h at 40°C.

The mixture is then cautiously diluted with water and the organic solvent evaporated at reduced pressure;
15 the residue is taken up with ether and a mixture of 10% HCl and ice; the organic phase is extracted 4 times with HCl 10%.

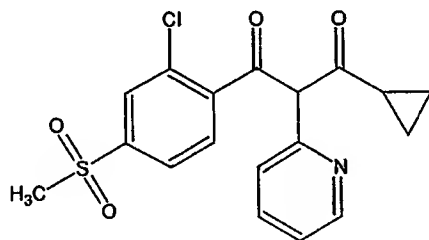
The combined aqueous acid phases are cautiously treated with 50% NaOH until slightly acid, then basified
20 to pH 8 with solid NaHCO₃; the mixture is then saturated with NaCl and extracted three times with ethyl acetate, which is then dried with Na₂SO₄ and evaporated.

The resulting dark oil is purified by flash chromatography to obtain 5.08 g of desired product as a yellow oil (yield: 31%).

$^1\text{H-NMR}$ (CDCl_3): δ 0.82-1.11 (m, 4H, CH_2CH_2), 2.05 (m, 1H, CH), 4.03 (s, 2H, CH_2), 7.19, 7.63, 8.55 (3m, 4H, arom. H's)

EXAMPLE 21

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(pyridin-2-yl)propane-1,3-dione (Compound N° 13, corresponding to compound N° 615 in table 2).



Under an inert atmosphere, $\text{Mg}(\text{OEt})_2$ (0.152 g) is added to a solution of 1-cyclopropyl-2-(pyridin-2-yl)ethanone (0.30 g) in 8 ml of dry tetrahydrofuran; the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 2 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4-(methylsulfonyl)benzoyl chloride

(0.52 g) in 6 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

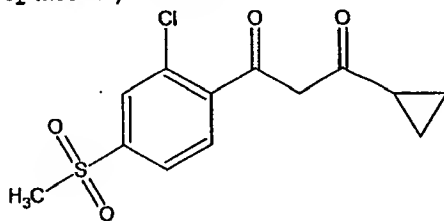
After completion of the reaction, the mixture is diluted with methanol to have an homogeneous solution, then the solvent is evaporated. The residue is taken up with water and extracted three times with ethyl acetate, which is then washed with brine, dried with Na₂SO₄ and evaporated.

The resulting solid is purified by flash chromatography to obtain 0.36 g of product as a yellow amorphous solid (yield: 51%).

¹H-NMR (CDCl₃): δ 0.82-1.70 (m, 5H, cyclopropyl), 3.06 (s, 3H, SO₂CH₃), 7.06-8.21 (m, 7H, arom. H's), 18.05 (bs, 1H, OH).

15 EXAMPLE 22

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propane-1,3-dione.



Under an inert atmosphere, Mg(OEt)₂ (1.29 g) is added to a solution of *t*-butyl 3-cyclopropyl-3-oxopropanoate (3.0 g) in 75 ml of dry tetrahydrofuran;

the stirred mixture is refluxed for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 20 ml of dry tetrahydrofuran, under an inert atmosphere, then a
5 suspension of 2-chloro-4-(methylsulfonyl)benzoyl chloride (4.52 g) in 55 ml of dry tetrahydrofuran is added; the stirred mixture is refluxed for 3 more hours.

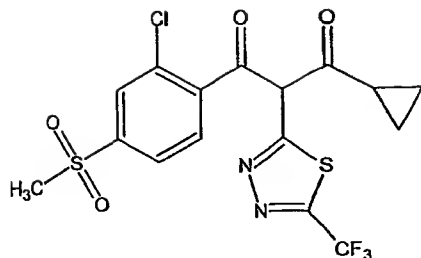
After completion of the reaction, the solvent is evaporated under reduced pressure; the residue is taken
10 up with 30 ml of toluene and *p*-toluenesulphonic acid (1.13 g) is added, then the stirred mixture is refluxed for 8 hours.

The solid precipitate is filtered off and the solution is evaporated under reduced pressure; the oily
15 residue is purified by flash chromatography to obtain 2.64 g of solid product (yield: 54%).

¹H-NMR (CDCl₃): δ 0.98-1.80 (m, 5H, cyclopropyl), 3.07 (s, 3H, SO₂CH₃), 6.13 (s, 1H, enolic form =CH-), 7.74-8.00 (m, 3H, arom. H's).

20 EXAMPLE 23

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(5-trifluoromethyl-1,3,4-thiadiazol-2-yl)propane-1,3-dione (Compound N° 2918).



Under an inert atmosphere, NaH (60% suspension in mineral oil, 0.27 g) is suspended in 10 ml of dry tetrahydrofuran; a solution of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propan-1,3-dione (1.76 g) in 15 ml of dry tetrahydrofuran is then slowly added dropwise.

The mixture is stirred for 1 hour, then a solution of 2-methylsulphonyl-5-trifluoromethyl-1,3,4-thiadiazole (1.97 g) in 13 ml of dry tetrahydrofuran is added dropwise.

The stirred mixture is refluxed for 3 hours, then the solvent is evaporated under reduced pressure; the residue is taken up with diethyl ether and extracted two times with aqueous NaHCO_3 ; the combined aqueous phases are slowly acidified to pH 2-3 and extracted with ethyl acetate, which is then dried with Na_2SO_4 and evaporated.

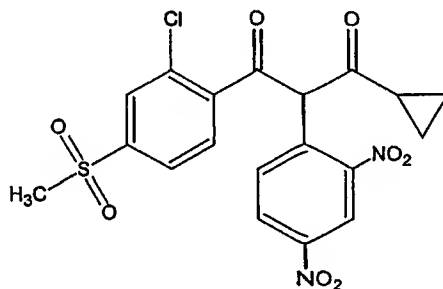
The residue is purified by flash chromatography, then by washing with diethyl ether, to obtain 0.83 g of product as a white solid (yield: 31%; m.p.: 185°C).

$^1\text{H-NMR}$ (CDCl_3): (mixture of two tautomers) δ 0.50-1.40 (m, 5H, cyclopropyl), 3.10 (s, 3H, SO_2CH_3), 7.60-8.06 (m, 3H, arom. H's), 15.23, 15.39 (2 bs, 1H, OH).

$^{19}\text{F-NMR}$ (CDCl_3): (mixture of two tautomers) δ -60.52, -60.68 (2 s, CF_3).

EXAMPLE 24

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(2,4-dinitrophenyl)propane-1,3-dione (Compound N° 723).



Under an inert atmosphere, NaH (60% suspension in mineral oil, 0.12 g) is suspended in 2 ml of dry tetrahydrofuran; a solution of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propan-1,3-dione (0.45 g) in 5 ml of dry tetrahydrofuran is then slowly added dropwise.

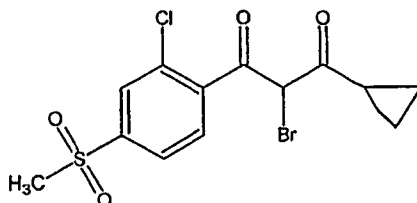
The mixture is stirred for 1 hour, then a solution of 2,4-dinitrochlorobenzene (1.52 g) in 2 ml of dry tetrahydrofuran is added dropwise.

The stirred mixture is refluxed for 5 hours, then the solvent is evaporated under reduced pressure; the residue is purified by flash chromatography, then by washing with diethyl ether, to obtain 0.40 g of product (yield: 57%; m.p.: 67°C).

$^1\text{H-NMR}$ (CDCl_3): δ 0.85-1.40 (m, 5H, cyclopropyl), 2.97 (s, 3H, SO_2CH_3), 7.31-8.67 (m, 6H, arom. H's), 16.78 (bs, 1H, OH).

EXAMPLE 25

Synthesis of 2-bromo-1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propane-1,3-dione



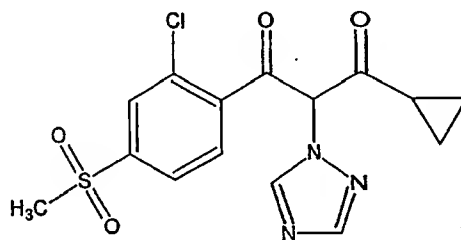
Under an inert atmosphere, bromine (0.24 g) is slowly added dropwise to a solution of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propan-1,3-dione (0.43 g) in 25 ml of dichloromethane cooled to 5°C, then the mixture is stirred overnight at room temperature.

The solvent is then completely evaporated under reduced pressure and the residue (0.57 g) is used without purification for the following reaction.

¹H-NMR (CDCl₃): δ 1.14-1.34 (m, 4H, cyclic CH₂-CH₂), 2.61 (m, 1H, cyclic CH), 3.10 (s, 3H, SO₂CH₃), 7.52-8.05 (m, 3H, arom. H's), 16.02 (bs, 1H, OH).

EXAMPLE 26

- 5 **Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-(1,2,4-triazol-1-yl)propane-1,3-dione**
(Compound N° 460)



- 10 Under an inert atmosphere, NaH (60% suspension in mineral oil, 0.133 g) is suspended in 2 ml of dry tetrahydrofuran cooled in a water bath, then 1,2,4-triazole (0.23 g) is added.

- After stirring for 30 minutes at room temperature,
15 a solution of 2-bromo-1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propan-1,3-dione (0.63 g) in 5 ml of dry tetrahydrofuran is added, then the mixture is heated to 50°C for 8 hours.

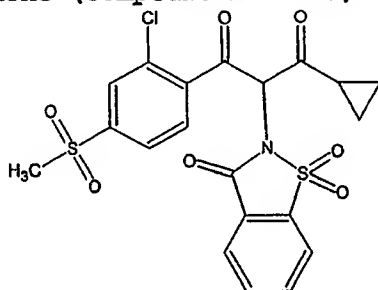
- After completion of the reaction, the mixture is
20 diluted with water, acidified and extracted three times with ethyl acetate, which is then washed with brine, dried with Na₂SO₄ and evaporated.

The residue is purified by flash chromatography, then by washing with ethyl ether to obtain 0.23 g of solid product (yield: 38%; m.p.: 162°C).

¹H-NMR (CDCl₃): δ 1.09-1.40 (m, 5H, cyclopropyl), 3.01 (s, 3H, SO₂CH₃), 7.38-8.05 (m, 5H, arom. H's), 16.23 (bs, 1H, OH).

EXAMPLE 27

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-3-cyclopropyl-2-[1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl]propane-1,3-dione (Compound N° 2919)



Under an inert atmosphere, NaH (60% suspension in mineral oil, 0.114 g) is suspended in 3 ml of dry tetrahydrofuran cooled in a water bath, then saccharine (0.52 g) is added.

After stirring for 30 minutes at room temperature, a solution of 2-bromo-1-[2-chloro-4-(methylsulphonyl)phenyl]-3-(cyclopropyl)propan-1,3-dione (0.54 g) in 8 ml of dry tetrahydrofuran is added, then the mixture is heated to 50°C for 6 hours.

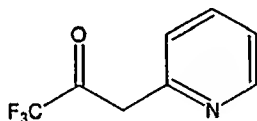
After completion of the reaction, the solvent is evaporated; the residue is taken up with water, acidified and extracted three times with ethyl acetate, which is then washed with brine, dried with Na_2SO_4 and evaporated.

5 The residue is purified by flash chromatography, then by washing with ethyl ether to obtain 0.31 g of product as an amorphous solid (yield: 45%).

$^1\text{H-NMR}$ (CDCl_3): δ 1.09-1.45 (m, 4H, cyclic $\text{CH}_2\text{-CH}_2$), 1.86 (m, 1H, cyclic CH), 2.99 (s, 3H, SO_2CH_3), 7.51-8.08 (m, 7H, 10 arom. H's), 17.19 (bs, 1H, OH).

EXAMPLE 28

Synthesis of 1,1,1-trifluoro-3-pyridin-2-ylacetone



15

Under an inert atmosphere, 2-picoline (4.72 g) and pyridine (20.0 g) are dissolved in 130 ml of toluene cooled in an ice bath; trifluoroacetic anhydride (31.9 g) is then slowly added dropwise and the mixture is stirred 20 at room temperature for 48 hours.

The mixture is then cautiously poured into 500 ml of 3% Na_2CO_3 , and extracted three times with ethyl acetate; the combined organic phases are extracted two times with 5% NaOH , then these combined basic aqueous

phases are acidified to pH 6.5 and extracted with ethyl acetate, which is washed with brine, dried with Na₂SO₄ and evaporated.

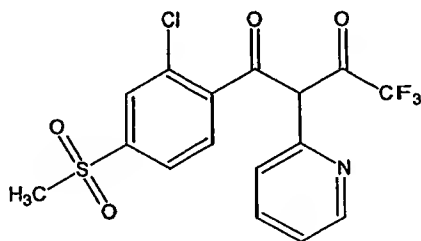
The raw product is purified by flash chromatography, then by washing with diethyl ether to obtain 4.24 g of product as a yellow solid (yield: 44%).

¹H-NMR (CDCl₃): δ 5.82 (s, 1H, enolic form CH), 6.99-8.10 (m, 4H, arom. H's), 15.88 (bs, 1H, OH).

¹⁹F-NMR (CDCl₃): δ -74.94 (s, CF₃).

10 EXAMPLE 29

Synthesis of 1-[2-chloro-4-(methylsulphonyl)phenyl]-2-(pyridin-2-yl)-4,4,4-trifluorobutane-1,3-dione (Compound N° 616).



15

Under an inert atmosphere, Mg(OEt)₂ (0.336 g) is added to a solution of 1,1,1-trifluoro-3-pyridin-2-ylacetone (0.80 g) in 17 ml of dry tetrahydrofuran; the stirred mixture is stirred at room temperature for 3 hours, then completely evaporated under reduced pressure.

The residue is taken up with 5 ml of dry tetrahydrofuran, under an inert atmosphere, then a suspension of 2-chloro-4-(methylsulfonyl)benzoyl chloride (1.17 g) in 12 ml of dry tetrahydrofuran is added ; the mixture is stirred overnight at room temperature.

After completion of the reaction, the mixture is diluted with ethyl acetate, quickly washed with NH_4Cl saturated solution, with brine, then dried with Na_2SO_4 and evaporated.

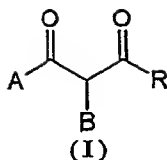
10 The residue is taken up with a mixture of diethyl ether and hexane which causes the product to precipitate: 0.24 g of solid are recovered by filtration (yield: 14%; m.p.: 189°C, with decomposition)

$^1\text{H-NMR}$ (acetone- d_6): δ 3.09 (s, 3H, SO_2CH_3), 7.07-8.37 (m, 7H, arom. H's).

$^{19}\text{F-NMR}$ (acetone- d_6): δ -67.43 (s, CF_3)

EXAMPLE 30

Following the suitable procedures, some of which are detailed in the examples above, the following compounds, listed in Table 2, have been prepared and identified by elemental analysis and/or $^1\text{H-NMR}$:



Compound N	A	B	R	m.p. (°C)
14	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	H	
15	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	methyl	
16	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	i-propyl	
17	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	cyclopropyl	
18	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	CF ₃	
19	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	H	
20	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
21	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
22	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
23	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
24	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
25	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
26	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
27	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
28	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
29	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	H	
30	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	methyl	
31	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	i-propyl	
32	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	cyclopropyl	
33	2-NO ₂ -4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	CF ₃	
34	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	H	
35	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
36	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
37	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
38	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
39	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
40	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
41	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
42	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
43	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
44	2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	H	
45	2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
46	2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
47	2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
48	2-NO ₂ -4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
49	2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	H	
50	2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	methyl	
51	2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	i-propyl	
52	2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	cyclopropyl	
53	2-NO ₂ -4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	CF ₃	
54	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
55	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
56	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
57	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
58	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
59	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	H	
60	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
61	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
62	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
63	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
64	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
65	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
66	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
67	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
68	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
69	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	H	
70	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	methyl	
71	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	i-propyl	
72	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	cyclopropyl	
73	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-4-yl	CF ₃	
74	2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	H	
75	2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	methyl	
76	2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	i-propyl	
77	2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
78	2-NO ₂ -4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	CF ₃	
79	2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	H	
80	2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	methyl	
81	2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	i-propyl	
82	2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
83	2-NO ₂ -4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	CF ₃	
84	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	H	
85	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	methyl	
86	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	i-propyl	
87	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	cyclopropyl	
88	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-1-yl	CF ₃	
89	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	H	
90	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	methyl	
91	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	i-propyl	
92	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	cyclopropyl	
93	2-NO ₂ -4-SO ₂ MePh	1,2,3-triazol-2-yl	CF ₃	
94	2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	H	
95	2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	methyl	
96	2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	i-propyl	
97	2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	cyclopropyl	
98	2-NO ₂ -4-SO ₂ MePh	1,2,4-triazol-1-yl	CF ₃	
99	2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	H	
100	2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
101	2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	i-propyl	
102	2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	cyclopropyl	
103	2-NO ₂ -4-SO ₂ MePh	imidazol-2-yl	CF ₃	
104	2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	H	
105	2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	methyl	
106	2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	i-propyl	
107	2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	cyclopropyl	
108	2-NO ₂ -4-SO ₂ MePh	imidazol-1-yl	CF ₃	
109	2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	H	
110	2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	methyl	
111	2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	i-propyl	
112	2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	cyclopropyl	
113	2-NO ₂ -4-SO ₂ MePh	imidazol-4-yl	CF ₃	
114	2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	H	
115	2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	methyl	
116	2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	i-propyl	
117	2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	cyclopropyl	
118	2-NO ₂ -4-SO ₂ MePh	thiazol-2-yl	CF ₃	
119	2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	H	
120	2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	methyl	
121	2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	i-propyl	
122	2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	cyclopropyl	
123	2-NO ₂ -4-SO ₂ MePh	4-methylthiazol-2-yl	CF ₃	
124	2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	H	
125	2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	methyl	
126	2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	i-propyl	
127	2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	cyclopropyl	
128	2-NO ₂ -4-SO ₂ MePh	oxazol-2-yl	CF ₃	
129	2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	H	
130	2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	methyl	
131	2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	i-propyl	
132	2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	cyclopropyl	
133	2-NO ₂ -4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	CF ₃	
134	2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	H	
135	2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	methyl	
136	2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	i-propyl	
137	2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	cyclopropyl	
138	2-NO ₂ -4-SO ₂ MePh	2-oxazolin-2-yl	CF ₃	
139	2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	H	
140	2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	methyl	
141	2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
142	2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
143	2-NO ₂ -4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
144	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	H	
145	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	methyl	
146	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
147	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	cyclopropyl	
148	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	CF ₃	
149	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	H	
150	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
151	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
152	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
153	2-NO ₂ -4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
154	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
155	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
156	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
157	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
158	2-NO ₂ -4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
159	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	H	
160	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	methyl	
161	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	i-propyl	
162	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	cyclopropyl	
163	2-NO ₂ -4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	CF ₃	
164	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	H	
165	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
166	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
167	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
168	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
169	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
170	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
171	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
172	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
173	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
174	2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	H	
175	2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	methyl	
176	2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	i-propyl	
177	2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	cyclopropyl	
178	2-NO ₂ -4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	CF ₃	
179	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
180	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
181	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
182	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
183	2-NO ₂ -4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
184	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	H	
185	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
186	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
187	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
188	2-NO ₂ -4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
189	2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	H	
190	2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	methyl	
191	2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	i-propyl	
192	2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	cyclopropyl	
193	2-NO ₂ -4-SO ₂ MePh	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
194	2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	H	
195	2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	methyl	
196	2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	i-propyl	
197	2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	cyclopropyl	
198	2-NO ₂ -4-SO ₂ MePh	6-methylbenzoxazol-2-yl	CF ₃	
199	2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	H	
200	2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	methyl	
201	2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	i-propyl	
202	2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	cyclopropyl	
203	2-NO ₂ -4-SO ₂ MePh	benzothiazol-2-yl	CF ₃	
204	2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	H	
205	2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	methyl	
206	2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	i-propyl	
207	2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	cyclopropyl	
208	2-NO ₂ -4-SO ₂ MePh	pyrazol-1-yl	CF ₃	
209	2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	H	
210	2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	methyl	
211	2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	i-propyl	
212	2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	cyclopropyl	
213	2-NO ₂ -4-SO ₂ MePh	pyrazol-3-yl	CF ₃	
214	2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	H	
215	2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	methyl	
216	2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	i-propyl	
217	2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	cyclopropyl	
218	2-NO ₂ -4-SO ₂ MePh	1-methylpyrazol-3-yl	CF ₃	
219	2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	H	
220	2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	methyl	
221	2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	i-propyl	
222	2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	cyclopropyl	
223	2-NO ₂ -4-SO ₂ MePh	tetrazol-1-yl	CF ₃	
224	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	H	
225	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	methyl	
226	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	i-propyl	
227	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	cyclopropyl	
228	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-1-yl	CF ₃	
229	2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	H	
230	2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	methyl	
231	2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	i-propyl	
232	2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	cyclopropyl	
233	2-NO ₂ -4-SO ₂ MePh	tetrazol-2-yl	CF ₃	
234	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	H	
235	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	methyl	
236	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	i-propyl	
237	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	cyclopropyl	
238	2-NO ₂ -4-SO ₂ MePh	5-methyltetrazol-2-yl	CF ₃	
239	2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
240	2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	methyl	
241	2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	i-propyl	
242	2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	cyclopropyl	
243	2-NO ₂ -4-SO ₂ MePh	1-methyltetrazol-5-yl	CF ₃	
244	2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	H	
245	2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	methyl	
246	2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	i-propyl	
247	2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	cyclopropyl	186
248	2-NO ₂ -4-SO ₂ MePh	2-methyltetrazol-5-yl	CF ₃	
249	2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	H	
250	2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	methyl	
251	2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	i-propyl	
252	2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	cyclopropyl	
253	2-NO ₂ -4-SO ₂ MePh	pyridin-2-yl	CF ₃	
254	2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	H	
255	2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	methyl	
256	2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	i-propyl	
257	2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	cyclopropyl	
258	2-NO ₂ -4-SO ₂ MePh	pyridin-4-yl	CF ₃	
259	2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	H	
260	2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	methyl	
261	2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	i-propyl	
262	2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	cyclopropyl	
263	2-NO ₂ -4-SO ₂ MePh	pyridin-3-yl	CF ₃	
264	2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	H	
265	2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	methyl	
266	2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	i-propyl	
267	2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	cyclopropyl	
268	2-NO ₂ -4-SO ₂ MePh	3-nitropyridin-4-yl	CF ₃	
269	2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	H	
270	2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	methyl	
271	2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	i-propyl	
272	2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	cyclopropyl	
273	2-NO ₂ -4-SO ₂ MePh	5-cyanopyridin-2-yl	CF ₃	
274	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	H	
275	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	methyl	
276	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	i-propyl	
277	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	cyclopropyl	
278	2-NO ₂ -4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	CF ₃	
279	2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	H	
280	2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	methyl	
281	2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	i-propyl	
282	2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	cyclopropyl	
283	2-NO ₂ -4-SO ₂ MePh	pyrimidin-2-yl	CF ₃	
284	2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	H	
285	2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
286	2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	i-propyl	
287	2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	cyclopropyl	
288	2-NO ₂ -4-SO ₂ MePh	pyrimidin-4-yl	CF ₃	
289	2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	methyl	
290	2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	i-propyl	
291	2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	cyclopropyl	
292	2-NO ₂ -4-SO ₂ MePh	6-chloropyrimidin-4-yl	CF ₃	
293	2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	H	
294	2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	methyl	
295	2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	i-propyl	
296	2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	cyclopropyl	
297	2-NO ₂ -4-SO ₂ MePh	pyridazin-3-yl	CF ₃	
298	2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	methyl	
299	2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	i-propyl	
300	2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	cyclopropyl	
301	2-NO ₂ -4-SO ₂ MePh	6-chloropyridazin-3-yl	CF ₃	
302	2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	methyl	
303	2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	i-propyl	
304	2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	cyclopropyl	
305	2-NO ₂ -4-SO ₂ MePh	pyrazin-2-yl	CF ₃	
306	2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	methyl	
307	2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	i-propyl	
308	2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	cyclopropyl	
309	2-NO ₂ -4-SO ₂ MePh	triazin-2-yl	CF ₃	
310	2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	methyl	
311	2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	i-propyl	
312	2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	cyclopropyl	
313	2-NO ₂ -4-SO ₂ MePh	quinolin-2-yl	CF ₃	
314	2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
315	2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
316	2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
317	2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
318	2-NO ₂ -4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
319	2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	H	
320	2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	methyl	
321	2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	i-propyl	
322	2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	cyclopropyl	
323	2-NO ₂ -4-SO ₂ MePh	2-oxazolidinon-3-yl	CF ₃	
324	2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	methyl	
325	2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	i-propyl	
326	2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	cyclopropyl	
327	2-NO ₂ -4-SO ₂ MePh	2-pyrrolidinon-1-yl	CF ₃	
328	2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	methyl	
329	2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	i-propyl	
330	2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	cyclopropyl	
331	2-NO ₂ -4-SO ₂ MePh	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
332	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	H	
333	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	methyl	
334	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	i-propyl	
335	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
336	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	CF ₃	
337	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	H	
338	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	methyl	
339	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	i-propyl	
340	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	cyclopropyl	
341	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	CF ₃	
342	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	H	
343	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	methyl	
344	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	i-propyl	
345	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
346	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	CF ₃	
347	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-ClPh	H	
348	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-ClPh	methyl	
349	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-ClPh	i-propyl	
350	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-ClPh	cyclopropyl	
351	2-NO ₂ -4-SO ₂ MePh	2-NO ₂ -4-ClPh	CF ₃	
352	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	H	
353	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	methyl	
354	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	i-propyl	
355	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	cyclopropyl	
356	2-NO ₂ -4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	CF ₃	
357	2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	H	
358	2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	methyl	
359	2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	i-propyl	
360	2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	cyclopropyl	
361	2-NO ₂ -4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	CF ₃	
362	2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	H	
363	2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	methyl	
364	2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	i-propyl	
365	2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	cyclopropyl	
366	2-NO ₂ -4-SO ₂ MePh	4-F-3-NO ₂ Ph	CF ₃	
367	2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	H	
368	2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	methyl	
369	2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	i-propyl	
370	2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	cyclopropyl	
371	2-NO ₂ -4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	CF ₃	
372	2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	H	
373	2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	methyl	
374	2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
375	2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
376	2-NO ₂ -4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
377	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	H	
378	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	methyl	
379	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	i-propyl	
380	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	cyclopropyl	
381	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-5-yl	CF ₃	
382	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	H	
383	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	methyl	oil
384	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	174
385	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	188
386	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
387	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
388	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
389	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
390	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
391	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
392	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	H	
393	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	methyl	
394	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	i-propyl	
395	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	cyclopropyl	
396	2-Cl-4-SO ₂ MePh	1,2,4-oxadiazol-3-yl	CF ₃	
397	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	H	
398	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
399	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
400	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
401	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
402	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
403	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
404	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
405	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
406	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
407	2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	H	
408	2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
409	2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
410	2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
411	2-Cl-4-SO ₂ MePh	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
412	2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	H	
413	2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	methyl	
414	2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	i-propyl	
415	2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	cyclopropyl	
416	2-Cl-4-SO ₂ MePh	1,3,4-oxadiazol-2-yl	CF ₃	
417	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
418	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
419	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
420	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
421	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
422	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	H	
423	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
424	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
425	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
426	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
427	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
428	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
429	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
430	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
431	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
432	2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	H	
433	2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	methyl	
434	2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	i-propyl	
435	2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	cyclopropyl	
436	2-Cl-4-SO ₂ MePh	1,2,3-triazol-4-yl	CF ₃	
437	2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	H	
438	2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	methyl	
439	2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	i-propyl	
440	2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
441	2-Cl-4-SO ₂ MePh	1-methyl-1,2,3-triazol-4-yl	CF ₃	
442	2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	H	
443	2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	methyl	
444	2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	i-propyl	
445	2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
446	2-Cl-4-SO ₂ MePh	2-methyl-1,2,3-triazol-4-yl	CF ₃	
447	2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	H	
448	2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	methyl	
449	2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	i-propyl	
450	2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	cyclopropyl	
451	2-Cl-4-SO ₂ MePh	1,2,3-triazol-1-yl	CF ₃	
452	2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	H	
453	2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	methyl	
454	2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	i-propyl	
455	2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	cyclopropyl	
456	2-Cl-4-SO ₂ MePh	1,2,3-triazol-2-yl	CF ₃	
457	2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	H	
458	2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	methyl	
459	2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	i-propyl	
460	2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	cyclopropyl	162
461	2-Cl-4-SO ₂ MePh	1,2,4-triazol-1-yl	CF ₃	
462	2-Cl-4-SO ₂ MePh	imidazol-2-yl	H	
463	2-Cl-4-SO ₂ MePh	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
464	2-Cl-4-SO ₂ MePh	imidazol-2-yl	i-propyl	
465	2-Cl-4-SO ₂ MePh	imidazol-2-yl	cyclopropyl	
466	2-Cl-4-SO ₂ MePh	imidazol-2-yl	CF ₃	
467	2-Cl-4-SO ₂ MePh	imidazol-1-yl	H	
468	2-Cl-4-SO ₂ MePh	imidazol-1-yl	methyl	
469	2-Cl-4-SO ₂ MePh	imidazol-1-yl	i-propyl	
470	2-Cl-4-SO ₂ MePh	imidazol-1-yl	cyclopropyl	
471	2-Cl-4-SO ₂ MePh	imidazol-1-yl	CF ₃	
472	2-Cl-4-SO ₂ MePh	imidazol-4-yl	H	
473	2-Cl-4-SO ₂ MePh	imidazol-4-yl	methyl	
474	2-Cl-4-SO ₂ MePh	imidazol-4-yl	i-propyl	
475	2-Cl-4-SO ₂ MePh	imidazol-4-yl	cyclopropyl	
476	2-Cl-4-SO ₂ MePh	imidazol-4-yl	CF ₃	
477	2-Cl-4-SO ₂ MePh	thiazol-2-yl	H	
478	2-Cl-4-SO ₂ MePh	thiazol-2-yl	methyl	
479	2-Cl-4-SO ₂ MePh	thiazol-2-yl	i-propyl	
480	2-Cl-4-SO ₂ MePh	thiazol-2-yl	cyclopropyl	
481	2-Cl-4-SO ₂ MePh	thiazol-2-yl	CF ₃	
482	2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	H	
483	2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	methyl	
484	2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	i-propyl	
485	2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	cyclopropyl	199
486	2-Cl-4-SO ₂ MePh	4-methylthiazol-2-yl	CF ₃	
487	2-Cl-4-SO ₂ MePh	oxazol-2-yl	H	
488	2-Cl-4-SO ₂ MePh	oxazol-2-yl	methyl	
489	2-Cl-4-SO ₂ MePh	oxazol-2-yl	i-propyl	
490	2-Cl-4-SO ₂ MePh	oxazol-2-yl	cyclopropyl	
491	2-Cl-4-SO ₂ MePh	oxazol-2-yl	CF ₃	
492	2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	H	
493	2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	methyl	
494	2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	i-propyl	
495	2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	cyclopropyl	
496	2-Cl-4-SO ₂ MePh	4,5-dimethyloxazol-2-yl	CF ₃	
497	2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	H	
498	2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	methyl	
499	2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	i-propyl	
500	2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	cyclopropyl	
501	2-Cl-4-SO ₂ MePh	2-oxazolin-2-yl	CF ₃	
502	2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	H	
503	2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	methyl	
504	2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
505	2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
506	2-Cl-4-SO ₂ MePh	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
507	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	H	
508	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	methyl	
509	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
510	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	cyclopropyl	
511	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-5-yl	CF ₃	
512	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	H	
513	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
514	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
515	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
516	2-Cl-4-SO ₂ MePh	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
517	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
518	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
519	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
520	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
521	2-Cl-4-SO ₂ MePh	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
522	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	H	
523	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	methyl	
524	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	i-propyl	
525	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	cyclopropyl	
526	2-Cl-4-SO ₂ MePh	1,2,4-thiadiazol-3-yl	CF ₃	
527	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	H	
528	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
529	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
530	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
531	2-Cl-4-SO ₂ MePh	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
532	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
533	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
534	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
535	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
536	2-Cl-4-SO ₂ MePh	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
537	2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	H	
538	2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	methyl	
539	2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	i-propyl	
540	2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	cyclopropyl	
541	2-Cl-4-SO ₂ MePh	1,3,4-thiadiazol-2-yl	CF ₃	
542	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
543	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
544	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
545	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
546	2-Cl-4-SO ₂ MePh	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
547	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	H	
548	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
549	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
550	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
551	2-Cl-4-SO ₂ MePh	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
552	2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	H	
553	2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	methyl	
554	2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	i-propyl	
555	2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	cyclopropyl	
556	2-Cl-4-SO ₂ MePh	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	mp- (°C)
557	2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	H	
558	2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	methyl	
559	2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	i-propyl	
560	2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	cyclopropyl	
561	2-Cl-4-SO ₂ MePh	6-methylbenzoxazol-2-yl	CF ₃	
562	2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	H	
563	2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	methyl	
564	2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	i-propyl	
565	2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	cyclopropyl	
566	2-Cl-4-SO ₂ MePh	benzothiazol-2-yl	CF ₃	
567	2-Cl-4-SO ₂ MePh	pyrazol-1-yl	H	
568	2-Cl-4-SO ₂ MePh	pyrazol-1-yl	methyl	
569	2-Cl-4-SO ₂ MePh	pyrazol-1-yl	i-propyl	
570	2-Cl-4-SO ₂ MePh	pyrazol-1-yl	cyclopropyl	
571	2-Cl-4-SO ₂ MePh	pyrazol-1-yl	CF ₃	
572	2-Cl-4-SO ₂ MePh	pyrazol-3-yl	H	
573	2-Cl-4-SO ₂ MePh	pyrazol-3-yl	methyl	
574	2-Cl-4-SO ₂ MePh	pyrazol-3-yl	i-propyl	
575	2-Cl-4-SO ₂ MePh	pyrazol-3-yl	cyclopropyl	
576	2-Cl-4-SO ₂ MePh	pyrazol-3-yl	CF ₃	
577	2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	H	
578	2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	methyl	
579	2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	i-propyl	
580	2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	cyclopropyl	
581	2-Cl-4-SO ₂ MePh	1-methylpyrazol-3-yl	CF ₃	
582	2-Cl-4-SO ₂ MePh	tetrazol-1-yl	H	
583	2-Cl-4-SO ₂ MePh	tetrazol-1-yl	methyl	
584	2-Cl-4-SO ₂ MePh	tetrazol-1-yl	i-propyl	
585	2-Cl-4-SO ₂ MePh	tetrazol-1-yl	cyclopropyl	
586	2-Cl-4-SO ₂ MePh	tetrazol-1-yl	CF ₃	
587	2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	H	
588	2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	methyl	
589	2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	i-propyl	
590	2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	cyclopropyl	
591	2-Cl-4-SO ₂ MePh	5-methyltetrazol-1-yl	CF ₃	
592	2-Cl-4-SO ₂ MePh	tetrazol-2-yl	H	
593	2-Cl-4-SO ₂ MePh	tetrazol-2-yl	methyl	
594	2-Cl-4-SO ₂ MePh	tetrazol-2-yl	i-propyl	
595	2-Cl-4-SO ₂ MePh	tetrazol-2-yl	cyclopropyl	
596	2-Cl-4-SO ₂ MePh	tetrazol-2-yl	CF ₃	
597	2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	H	
598	2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	methyl	
599	2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	i-propyl	
600	2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	cyclopropyl	
601	2-Cl-4-SO ₂ MePh	5-methyltetrazol-2-yl	CF ₃	
602	2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
603	2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	methyl	
604	2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	i-propyl	
605	2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	cyclopropyl	104
606	2-Cl-4-SO ₂ MePh	1-methyltetrazol-5-yl	CF ₃	
607	2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	t-butyle	oil
608	2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	methyl	
609	2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	i-propyl	210
610	2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	cyclopropyl	220
611	2-Cl-4-SO ₂ MePh	2-methyltetrazol-5-yl	CF ₃	
612	2-Cl-4-SO ₂ MePh	pyridin-2-yl	H	
613	2-Cl-4-SO ₂ MePh	pyridin-2-yl	methyl	
614	2-Cl-4-SO ₂ MePh	pyridin-2-yl	i-propyl	
615	2-Cl-4-SO ₂ MePh	pyridin-2-yl	cyclopropyl	
616	2-Cl-4-SO ₂ MePh	pyridin-2-yl	CF ₃	189
617	2-Cl-4-SO ₂ MePh	pyridin-4-yl	H	
618	2-Cl-4-SO ₂ MePh	pyridin-4-yl	methyl	
619	2-Cl-4-SO ₂ MePh	pyridin-4-yl	i-propyl	
620	2-Cl-4-SO ₂ MePh	pyridin-4-yl	cyclopropyl	
621	2-Cl-4-SO ₂ MePh	pyridin-4-yl	CF ₃	
622	2-Cl-4-SO ₂ MePh	pyridin-3-yl	H	
623	2-Cl-4-SO ₂ MePh	pyridin-3-yl	methyl	
624	2-Cl-4-SO ₂ MePh	pyridin-3-yl	i-propyl	
625	2-Cl-4-SO ₂ MePh	pyridin-3-yl	cyclopropyl	
626	2-Cl-4-SO ₂ MePh	pyridin-3-yl	CF ₃	
627	2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	H	
628	2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	methyl	
629	2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	i-propyl	
630	2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	cyclopropyl	
631	2-Cl-4-SO ₂ MePh	3-nitropyridin-4-yl	CF ₃	
632	2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	H	
633	2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	methyl	
634	2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	i-propyl	
635	2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	cyclopropyl	
636	2-Cl-4-SO ₂ MePh	5-cyanopyridin-2-yl	CF ₃	
637	2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	H	
638	2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	methyl	
639	2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	i-propyl	
640	2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	cyclopropyl	
641	2-Cl-4-SO ₂ MePh	5-trifluoromethylpyridin-2-yl	CF ₃	
642	2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	H	
643	2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	methyl	
644	2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	i-propyl	
645	2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	cyclopropyl	
646	2-Cl-4-SO ₂ MePh	pyrimidin-2-yl	CF ₃	
647	2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	H	
648	2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
649	2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	i-propyl	
650	2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	cyclopropyl	
651	2-Cl-4-SO ₂ MePh	pyrimidin-4-yl	CF ₃	
652	2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	methyl	
653	2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	i-propyl	
654	2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	cyclopropyl	
655	2-Cl-4-SO ₂ MePh	6-chloropyrimidin-4-yl	CF ₃	
656	2-Cl-4-SO ₂ MePh	pyridazin-3-yl	H	
657	2-Cl-4-SO ₂ MePh	pyridazin-3-yl	methyl	
658	2-Cl-4-SO ₂ MePh	pyridazin-3-yl	i-propyl	
659	2-Cl-4-SO ₂ MePh	pyridazin-3-yl	cyclopropyl	
660	2-Cl-4-SO ₂ MePh	pyridazin-3-yl	CF ₃	
661	2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	methyl	
662	2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	i-propyl	
663	2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	cyclopropyl	
664	2-Cl-4-SO ₂ MePh	6-chloropyridazin-3-yl	CF ₃	
665	2-Cl-4-SO ₂ MePh	pyrazin-2-yl	methyl	
666	2-Cl-4-SO ₂ MePh	pyrazin-2-yl	i-propyl	
667	2-Cl-4-SO ₂ MePh	pyrazin-2-yl	cyclopropyl	
668	2-Cl-4-SO ₂ MePh	pyrazin-2-yl	CF ₃	
669	2-Cl-4-SO ₂ MePh	triazin-2-yl	methyl	
670	2-Cl-4-SO ₂ MePh	triazin-2-yl	i-propyl	
671	2-Cl-4-SO ₂ MePh	triazin-2-yl	cyclopropyl	
672	2-Cl-4-SO ₂ MePh	triazin-2-yl	CF ₃	
673	2-Cl-4-SO ₂ MePh	quinolin-2-yl	methyl	
674	2-Cl-4-SO ₂ MePh	quinolin-2-yl	i-propyl	
675	2-Cl-4-SO ₂ MePh	quinolin-2-yl	cyclopropyl	
676	2-Cl-4-SO ₂ MePh	quinolin-2-yl	CF ₃	
677	2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
678	2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
679	2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
680	2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
681	2-Cl-4-SO ₂ MePh	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
682	2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	H	
683	2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	methyl	
684	2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	i-propyl	
685	2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	cyclopropyl	
686	2-Cl-4-SO ₂ MePh	2-oxazolidinon-3-yl	CF ₃	
687	2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	methyl	
688	2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	i-propyl	
689	2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	cyclopropyl	
690	2-Cl-4-SO ₂ MePh	2-pyrrolidinon-1-yl	CF ₃	
691	2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	methyl	
692	2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	i-propyl	
693	2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	cyclopropyl	
694	2-Cl-4-SO ₂ MePh	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
695	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	H	
696	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	methyl	
697	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	i-propyl	
698	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
699	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-SO ₂ MePh	CF ₃	
700	2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	H	
701	2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	methyl	
702	2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	i-propyl	
703	2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	cyclopropyl	
704	2-Cl-4-SO ₂ MePh	2-Cl-4-SO ₂ MePh	CF ₃	
705	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	H	
706	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	methyl	
707	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	i-propyl	
708	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
709	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-CF ₃ Ph	CF ₃	
710	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-ClPh	H	
711	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-ClPh	methyl	
712	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-ClPh	i-propyl	
713	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-ClPh	cyclopropyl	
714	2-Cl-4-SO ₂ MePh	2-NO ₂ -4-ClPh	CF ₃	
715	2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	H	
716	2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	methyl	
717	2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	i-propyl	
718	2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	cyclopropyl	
719	2-Cl-4-SO ₂ MePh	2-Cl-4-NO ₂ Ph	CF ₃	
720	2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	H	
721	2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	methyl	
722	2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	i-propyl	
723	2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	cyclopropyl	67
724	2-Cl-4-SO ₂ MePh	2,4-(NO ₂) ₂ Ph	CF ₃	
725	2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	H	
726	2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	methyl	
727	2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	i-propyl	
728	2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	cyclopropyl	
729	2-Cl-4-SO ₂ MePh	4-F-3-NO ₂ Ph	CF ₃	
730	2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	H	
731	2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	methyl	
732	2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	i-propyl	
733	2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	cyclopropyl	
734	2-Cl-4-SO ₂ MePh	3,5-(CF ₃) ₂ Ph	CF ₃	
735	2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	H	
736	2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	methyl	
737	2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
738	2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
739	2-Cl-4-SO ₂ MePh	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
740	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	H	
741	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	methyl	
742	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	i-propyl	
743	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	cyclopropyl	
744	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-5-yl	CF ₃	
745	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	H	
746	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
747	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
748	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	127
749	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
750	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
751	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
752	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
753	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
754	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
755	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	H	
756	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	methyl	
757	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	i-propyl	
758	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	cyclopropyl	
759	4-Cl-2-NO ₂ Ph	1,2,4-oxadiazol-3-yl	CF ₃	
760	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	H	
761	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
762	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
763	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
764	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
765	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
766	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
767	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
768	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
769	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
770	4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	H	
771	4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
772	4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
773	4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
774	4-Cl-2-NO ₂ Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
775	4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	H	
776	4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	methyl	
777	4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	i-propyl	
778	4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	cyclopropyl	
779	4-Cl-2-NO ₂ Ph	1,3,4-oxadiazol-2-yl	CF ₃	
780	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
781	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
782	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
783	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
784	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
785	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	H	
786	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
787	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
788	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
789	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
790	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
791	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
792	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
793	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
794	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
795	4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	H	
796	4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	methyl	
797	4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	i-propyl	
798	4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	cyclopropyl	
799	4-Cl-2-NO ₂ Ph	1,2,3-triazol-4-yl	CF ₃	
800	4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	H	
801	4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	methyl	
802	4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl	
803	4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
804	4-Cl-2-NO ₂ Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃	
805	4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	H	
806	4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	methyl	
807	4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl	
808	4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
809	4-Cl-2-NO ₂ Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃	
810	4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	H	
811	4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	methyl	
812	4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	i-propyl	
813	4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	cyclopropyl	
814	4-Cl-2-NO ₂ Ph	1,2,3-triazol-1-yl	CF ₃	
815	4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	H	
816	4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	methyl	
817	4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	i-propyl	
818	4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	cyclopropyl	
819	4-Cl-2-NO ₂ Ph	1,2,3-triazol-2-yl	CF ₃	
820	4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	H	
821	4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	methyl	
822	4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	i-propyl	
823	4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	cyclopropyl	
824	4-Cl-2-NO ₂ Ph	1,2,4-triazol-1-yl	CF ₃	
825	4-Cl-2-NO ₂ Ph	imidazol-2-yl	H	
826	4-Cl-2-NO ₂ Ph	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
827	4-Cl-2-NO ₂ Ph	imidazol-2-yl	i-propyl	
828	4-Cl-2-NO ₂ Ph	imidazol-2-yl	cyclopropyl	
829	4-Cl-2-NO ₂ Ph	imidazol-2-yl	CF ₃	
830	4-Cl-2-NO ₂ Ph	imidazol-1-yl	H	
831	4-Cl-2-NO ₂ Ph	imidazol-1-yl	methyl	
832	4-Cl-2-NO ₂ Ph	imidazol-1-yl	i-propyl	
833	4-Cl-2-NO ₂ Ph	imidazol-1-yl	cyclopropyl	
834	4-Cl-2-NO ₂ Ph	imidazol-1-yl	CF ₃	
835	4-Cl-2-NO ₂ Ph	imidazol-4-yl	H	
836	4-Cl-2-NO ₂ Ph	imidazol-4-yl	methyl	
837	4-Cl-2-NO ₂ Ph	imidazol-4-yl	i-propyl	
838	4-Cl-2-NO ₂ Ph	imidazol-4-yl	cyclopropyl	
839	4-Cl-2-NO ₂ Ph	imidazol-4-yl	CF ₃	
840	4-Cl-2-NO ₂ Ph	thiazol-2-yl	H	
841	4-Cl-2-NO ₂ Ph	thiazol-2-yl	methyl	
842	4-Cl-2-NO ₂ Ph	thiazol-2-yl	i-propyl	
843	4-Cl-2-NO ₂ Ph	thiazol-2-yl	cyclopropyl	
844	4-Cl-2-NO ₂ Ph	thiazol-2-yl	CF ₃	
845	4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	H	
846	4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	methyl	
847	4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	i-propyl	
848	4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	cyclopropyl	
849	4-Cl-2-NO ₂ Ph	4-methylthiazol-2-yl	CF ₃	
850	4-Cl-2-NO ₂ Ph	oxazol-2-yl	H	
851	4-Cl-2-NO ₂ Ph	oxazol-2-yl	methyl	
852	4-Cl-2-NO ₂ Ph	oxazol-2-yl	i-propyl	
853	4-Cl-2-NO ₂ Ph	oxazol-2-yl	cyclopropyl	
854	4-Cl-2-NO ₂ Ph	oxazol-2-yl	CF ₃	
855	4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	H	
856	4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	methyl	
857	4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	i-propyl	
858	4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	cyclopropyl	
859	4-Cl-2-NO ₂ Ph	4,5-dimethyloxazol-2-yl	CF ₃	
860	4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	H	
861	4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	methyl	
862	4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	i-propyl	
863	4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	cyclopropyl	
864	4-Cl-2-NO ₂ Ph	2-oxazolin-2-yl	CF ₃	
865	4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	H	
866	4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl	
867	4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
868	4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
869	4-Cl-2-NO ₂ Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
870	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	H	
871	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	methyl	
872	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
873	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	cyclopropyl	
874	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-5-yl	CF ₃	
875	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	H	
876	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
877	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
878	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
879	4-Cl-2-NO ₂ Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
880	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
881	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
882	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
883	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
884	4-Cl-2-NO ₂ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
885	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	H	
886	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	methyl	
887	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	i-propyl	
888	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	cyclopropyl	
889	4-Cl-2-NO ₂ Ph	1,2,4-thiadiazol-3-yl	CF ₃	
890	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	H	
891	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
892	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
893	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
894	4-Cl-2-NO ₂ Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
895	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
896	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
897	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
898	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
899	4-Cl-2-NO ₂ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
900	4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	H	
901	4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	methyl	
902	4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	i-propyl	
903	4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	cyclopropyl	
904	4-Cl-2-NO ₂ Ph	1,3,4-thiadiazol-2-yl	CF ₃	
905	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
906	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
907	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
908	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
909	4-Cl-2-NO ₂ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
910	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	H	
911	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
912	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
913	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
914	4-Cl-2-NO ₂ Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
915	4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	H	
916	4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	methyl	
917	4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	i-propyl	
918	4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	cyclopropyl	
919	4-Cl-2-NO ₂ Ph	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
920	4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	H	
921	4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	methyl	
922	4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	i-propyl	
923	4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	cyclopropyl	
924	4-Cl-2-NO ₂ Ph	6-methylbenzoxazol-2-yl	CF ₃	
925	4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	H	
926	4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	methyl	
927	4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	i-propyl	
928	4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	cyclopropyl	
929	4-Cl-2-NO ₂ Ph	benzothiazol-2-yl	CF ₃	
930	4-Cl-2-NO ₂ Ph	pyrazol-1-yl	H	
931	4-Cl-2-NO ₂ Ph	pyrazol-1-yl	methyl	
932	4-Cl-2-NO ₂ Ph	pyrazol-1-yl	i-propyl	
933	4-Cl-2-NO ₂ Ph	pyrazol-1-yl	cyclopropyl	
934	4-Cl-2-NO ₂ Ph	pyrazol-1-yl	CF ₃	
935	4-Cl-2-NO ₂ Ph	pyrazol-3-yl	H	
936	4-Cl-2-NO ₂ Ph	pyrazol-3-yl	methyl	
937	4-Cl-2-NO ₂ Ph	pyrazol-3-yl	i-propyl	
938	4-Cl-2-NO ₂ Ph	pyrazol-3-yl	cyclopropyl	
939	4-Cl-2-NO ₂ Ph	pyrazol-3-yl	CF ₃	
940	4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	H	
941	4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	methyl	
942	4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	i-propyl	
943	4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	cyclopropyl	
944	4-Cl-2-NO ₂ Ph	1-methylpyrazol-3-yl	CF ₃	
945	4-Cl-2-NO ₂ Ph	tetrazol-1-yl	H	
946	4-Cl-2-NO ₂ Ph	tetrazol-1-yl	methyl	
947	4-Cl-2-NO ₂ Ph	tetrazol-1-yl	i-propyl	
948	4-Cl-2-NO ₂ Ph	tetrazol-1-yl	cyclopropyl	
949	4-Cl-2-NO ₂ Ph	tetrazol-1-yl	CF ₃	
950	4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	H	
951	4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	methyl	
952	4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	i-propyl	
953	4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	cyclopropyl	
954	4-Cl-2-NO ₂ Ph	5-methyltetrazol-1-yl	CF ₃	
955	4-Cl-2-NO ₂ Ph	tetrazol-2-yl	H	
956	4-Cl-2-NO ₂ Ph	tetrazol-2-yl	methyl	
957	4-Cl-2-NO ₂ Ph	tetrazol-2-yl	i-propyl	
958	4-Cl-2-NO ₂ Ph	tetrazol-2-yl	cyclopropyl	
959	4-Cl-2-NO ₂ Ph	tetrazol-2-yl	CF ₃	
960	4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	H	
961	4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	methyl	
962	4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	i-propyl	
963	4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	cyclopropyl	
964	4-Cl-2-NO ₂ Ph	5-methyltetrazol-2-yl	CF ₃	
965	4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
966	4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	methyl	
967	4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	i-propyl	
968	4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	cyclopropyl	152
969	4-Cl-2-NO ₂ Ph	1-methyltetrazol-5-yl	CF ₃	
970	2-Cl-4-NO ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl	137
971	4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	methyl	
972	4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	i-propyl	
973	4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl	126
974	4-Cl-2-NO ₂ Ph	2-methyltetrazol-5-yl	CF ₃	
975	2,4-(NO ₂) ₂ Ph	2-methyltetrazol-5-yl	cyclopropyl	144
976	4-Cl-2-NO ₂ Ph	pyridin-2-yl	methyl	
977	4-Cl-2-NO ₂ Ph	pyridin-2-yl	i-propyl	
978	4-Cl-2-NO ₂ Ph	pyridin-2-yl	cyclopropyl	
979	4-Cl-2-NO ₂ Ph	pyridin-2-yl	CF ₃	
980	4-Cl-2-NO ₂ Ph	pyridin-4-yl	H	
981	4-Cl-2-NO ₂ Ph	pyridin-4-yl	methyl	
982	4-Cl-2-NO ₂ Ph	pyridin-4-yl	i-propyl	
983	4-Cl-2-NO ₂ Ph	pyridin-4-yl	cyclopropyl	
984	4-Cl-2-NO ₂ Ph	pyridin-4-yl	CF ₃	
985	4-Cl-2-NO ₂ Ph	pyridin-3-yl	H	
986	4-Cl-2-NO ₂ Ph	pyridin-3-yl	methyl	
987	4-Cl-2-NO ₂ Ph	pyridin-3-yl	i-propyl	
988	4-Cl-2-NO ₂ Ph	pyridin-3-yl	cyclopropyl	
989	4-Cl-2-NO ₂ Ph	pyridin-3-yl	CF ₃	
990	4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	H	
991	4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	methyl	
992	4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	i-propyl	
993	4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	cyclopropyl	
994	4-Cl-2-NO ₂ Ph	3-nitropyridin-4-yl	CF ₃	
995	4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	H	
996	4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	methyl	
997	4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	i-propyl	
998	4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	cyclopropyl	
999	4-Cl-2-NO ₂ Ph	5-cyanopyridin-2-yl	CF ₃	
1000	4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	H	
1001	4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	methyl	
1002	4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	i-propyl	
1003	4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl	
1004	4-Cl-2-NO ₂ Ph	5-trifluoromethylpyridin-2-yl	CF ₃	
1005	4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	H	
1006	4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	methyl	
1007	4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	i-propyl	
1008	4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	cyclopropyl	
1009	4-Cl-2-NO ₂ Ph	pyrimidin-2-yl	CF ₃	
1010	4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	H	
1011	4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1012	4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	i-propyl	
1013	4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	cyclopropyl	
1014	4-Cl-2-NO ₂ Ph	pyrimidin-4-yl	CF ₃	
1015	4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	methyl	
1016	4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	i-propyl	
1017	4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	cyclopropyl	
1018	4-Cl-2-NO ₂ Ph	6-chloropyrimidin-4-yl	CF ₃	
1019	2,4-(Cl) ₂ Ph	1-methyltetrazol-5-yl	t-butyl	124
1020	4-Cl-2-NO ₂ Ph	pyridazin-3-yl	methyl	
1021	4-Cl-2-NO ₂ Ph	pyridazin-3-yl	i-propyl	
1022	4-Cl-2-NO ₂ Ph	pyridazin-3-yl	cyclopropyl	
1023	4-Cl-2-NO ₂ Ph	pyridazin-3-yl	CF ₃	
1024	4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	methyl	
1025	4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	i-propyl	
1026	4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	cyclopropyl	
1027	4-Cl-2-NO ₂ Ph	6-chloropyridazin-3-yl	CF ₃	
1028	4-Cl-2-NO ₂ Ph	pyrazin-2-yl	methyl	
1029	4-Cl-2-NO ₂ Ph	pyrazin-2-yl	i-propyl	
1030	4-Cl-2-NO ₂ Ph	pyrazin-2-yl	cyclopropyl	
1031	4-Cl-2-NO ₂ Ph	pyrazin-2-yl	CF ₃	
1032	4-Cl-2-NO ₂ Ph	triazin-2-yl	methyl	
1033	4-Cl-2-NO ₂ Ph	triazin-2-yl	i-propyl	
1034	4-Cl-2-NO ₂ Ph	triazin-2-yl	cyclopropyl	
1035	4-Cl-2-NO ₂ Ph	triazin-2-yl	CF ₃	
1036	4-Cl-2-NO ₂ Ph	quinolin-2-yl	methyl	
1037	4-Cl-2-NO ₂ Ph	quinolin-2-yl	i-propyl	
1038	4-Cl-2-NO ₂ Ph	quinolin-2-yl	cyclopropyl	
1039	4-Cl-2-NO ₂ Ph	quinolin-2-yl	CF ₃	
1040	4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
1041	4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
1042	4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
1043	4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
1044	4-Cl-2-NO ₂ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
1045	4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	H	
1046	4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	methyl	
1047	4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	i-propyl	
1048	4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	cyclopropyl	
1049	4-Cl-2-NO ₂ Ph	2-oxazolidinon-3-yl	CF ₃	
1050	4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	methyl	
1051	4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	i-propyl	
1052	4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	cyclopropyl	
1053	4-Cl-2-NO ₂ Ph	2-pyrrolidinon-1-yl	CF ₃	
1054	4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	methyl	
1055	4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	i-propyl	
1056	4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	cyclopropyl	
1057	4-Cl-2-NO ₂ Ph	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
1058	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	H	
1059	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	methyl	
1060	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl	
1061	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
1062	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃	
1063	4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	H	
1064	4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	methyl	
1065	4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	i-propyl	
1066	4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	cyclopropyl	
1067	4-Cl-2-NO ₂ Ph	2-Cl-4-SO ₂ MePh	CF ₃	
1068	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	H	
1069	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	methyl	
1070	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl	
1071	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
1072	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃	
1073	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	H	
1074	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	methyl	
1075	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	i-propyl	
1076	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	cyclopropyl	
1077	4-Cl-2-NO ₂ Ph	2-NO ₂ -4-ClPh	CF ₃	
1078	4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	H	
1079	4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	methyl	
1080	4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	i-propyl	
1081	4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	cyclopropyl	
1082	4-Cl-2-NO ₂ Ph	2-Cl-4-NO ₂ Ph	CF ₃	
1083	4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	H	
1084	4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	methyl	
1085	4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	i-propyl	
1086	4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl	
1087	4-Cl-2-NO ₂ Ph	2,4-(NO ₂) ₂ Ph	CF ₃	
1088	4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	H	
1089	4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	methyl	
1090	4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	i-propyl	
1091	4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	cyclopropyl	
1092	4-Cl-2-NO ₂ Ph	4-F-3-NO ₂ Ph	CF ₃	
1093	4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	H	
1094	4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	methyl	
1095	4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	i-propyl	
1096	4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl	
1097	4-Cl-2-NO ₂ Ph	3,5-(CF ₃) ₂ Ph	CF ₃	
1098	4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	H	
1099	4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl	
1100	4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
1101	4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
1102	4-Cl-2-NO ₂ Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
1103	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	H	
1104	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	methyl	
1105	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	i-propyl	
1106	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	cyclopropyl	
1107	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-5-yl	CF ₃	
1108	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	H	
1109	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
1110	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
1111	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1112	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
1113	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
1114	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
1115	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
1116	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1117	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
1118	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	H	
1119	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	methyl	
1120	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	i-propyl	
1121	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	cyclopropyl	
1122	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-oxadiazol-3-yl	CF ₃	
1123	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	H	
1124	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
1125	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
1126	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1127	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
1128	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
1129	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
1130	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
1131	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1132	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
1133	2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	H	
1134	2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
1135	2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
1136	2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
1137	2-SO ₂ Me-4-CF ₃ Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
1138	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	H	
1139	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	methyl	
1140	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	i-propyl	
1141	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	cyclopropyl	
1142	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-oxadiazol-2-yl	CF ₃	
1143	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
1144	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
1145	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
1146	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1147	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
1148	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	H	
1149	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
1150	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
1151	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1152	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
1153	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
1154	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
1155	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
1156	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1157	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
1158	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	H	
1159	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	methyl	
1160	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	i-propyl	
1161	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	cyclopropyl	
1162	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-4-yl	CF ₃	
1163	2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	H	
1164	2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	methyl	
1165	2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl	
1166	2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1167	2-SO ₂ Me-4-CF ₃ Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃	
1168	2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	H	
1169	2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	methyl	
1170	2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl	
1171	2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1172	2-SO ₂ Me-4-CF ₃ Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃	
1173	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	H	
1174	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	methyl	
1175	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	i-propyl	
1176	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	cyclopropyl	
1177	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-1-yl	CF ₃	
1178	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	H	
1179	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	methyl	
1180	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	i-propyl	
1181	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	cyclopropyl	
1182	2-SO ₂ Me-4-CF ₃ Ph	1,2,3-triazol-2-yl	CF ₃	
1183	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	H	
1184	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	methyl	
1185	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	i-propyl	
1186	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	cyclopropyl	
1187	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-triazol-1-yl	CF ₃	
1188	2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	H	
1189	2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1190	2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	i-propyl	
1191	2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	cyclopropyl	
1192	2-SO ₂ Me-4-CF ₃ Ph	imidazol-2-yl	CF ₃	
1193	2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	H	
1194	2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	methyl	
1195	2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	i-propyl	
1196	2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	cyclopropyl	
1197	2-SO ₂ Me-4-CF ₃ Ph	imidazol-1-yl	CF ₃	
1198	2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	H	
1199	2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	methyl	
1200	2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	i-propyl	
1201	2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	cyclopropyl	
1202	2-SO ₂ Me-4-CF ₃ Ph	imidazol-4-yl	CF ₃	
1203	2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	H	
1204	2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	methyl	
1205	2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	i-propyl	
1206	2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	cyclopropyl	
1207	2-SO ₂ Me-4-CF ₃ Ph	thiazol-2-yl	CF ₃	
1208	2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	H	
1209	2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	methyl	
1210	2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	i-propyl	
1211	2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	cyclopropyl	
1212	2-SO ₂ Me-4-CF ₃ Ph	4-methylthiazol-2-yl	CF ₃	
1213	2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	H	
1214	2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	methyl	
1215	2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	i-propyl	
1216	2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	cyclopropyl	
1217	2-SO ₂ Me-4-CF ₃ Ph	oxazol-2-yl	CF ₃	
1218	2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	H	
1219	2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	methyl	
1220	2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	i-propyl	
1221	2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	cyclopropyl	
1222	2-SO ₂ Me-4-CF ₃ Ph	4,5-dimethyloxazol-2-yl	CF ₃	
1223	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	H	
1224	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	methyl	
1225	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	i-propyl	
1226	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	cyclopropyl	
1227	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolin-2-yl	CF ₃	
1228	2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	H	
1229	2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl	
1230	2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
1231	2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
1232	2-SO ₂ Me-4-CF ₃ Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
1233	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	H	
1234	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	methyl	
1235	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
1236	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	cyclopropyl	
1237	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-5-yl	CF ₃	
1238	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	H	
1239	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
1240	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
1241	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1242	2-SO ₂ Me-4-CF ₃ Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
1243	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
1244	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
1245	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
1246	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1247	2-SO ₂ Me-4-CF ₃ Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
1248	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	H	
1249	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	methyl	
1250	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	i-propyl	
1251	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	cyclopropyl	
1252	2-SO ₂ Me-4-CF ₃ Ph	1,2,4-thiadiazol-3-yl	CF ₃	
1253	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	H	
1254	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
1255	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
1256	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1257	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
1258	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
1259	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
1260	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
1261	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1262	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
1263	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	H	
1264	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	methyl	
1265	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	i-propyl	
1266	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	cyclopropyl	
1267	2-SO ₂ Me-4-CF ₃ Ph	1,3,4-thiadiazol-2-yl	CF ₃	
1268	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
1269	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
1270	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
1271	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
1272	2-SO ₂ Me-4-CF ₃ Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
1273	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	H	
1274	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
1275	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
1276	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
1277	2-SO ₂ Me-4-CF ₃ Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
1278	2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	H	
1279	2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	methyl	
1280	2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	i-propyl	
1281	2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	cyclopropyl	
1282	2-SO ₂ Me-4-CF ₃ Ph	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
1283	2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	H	
1284	2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	methyl	
1285	2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	i-propyl	
1286	2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	cyclopropyl	
1287	2-SO ₂ Me-4-CF ₃ Ph	6-methylbenzoxazol-2-yl	CF ₃	
1288	2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	H	
1289	2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	methyl	
1290	2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	i-propyl	
1291	2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	cyclopropyl	
1292	2-SO ₂ Me-4-CF ₃ Ph	benzothiazol-2-yl	CF ₃	
1293	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	H	
1294	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	methyl	
1295	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	i-propyl	
1296	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	cyclopropyl	
1297	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-1-yl	CF ₃	
1298	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	H	
1299	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	methyl	
1300	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	i-propyl	
1301	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	cyclopropyl	
1302	2-SO ₂ Me-4-CF ₃ Ph	pyrazol-3-yl	CF ₃	
1303	2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	H	
1304	2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	methyl	
1305	2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	i-propyl	
1306	2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	cyclopropyl	
1307	2-SO ₂ Me-4-CF ₃ Ph	1-methylpyrazol-3-yl	CF ₃	
1308	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	H	
1309	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	methyl	
1310	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	i-propyl	
1311	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	cyclopropyl	
1312	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-1-yl	CF ₃	
1313	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	H	
1314	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	methyl	
1315	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	i-propyl	
1316	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	cyclopropyl	
1317	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-1-yl	CF ₃	
1318	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	H	
1319	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	methyl	
1320	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	i-propyl	
1321	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	cyclopropyl	
1322	2-SO ₂ Me-4-CF ₃ Ph	tetrazol-2-yl	CF ₃	
1323	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	H	
1324	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	methyl	
1325	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	i-propyl	
1326	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	cyclopropyl	
1327	2-SO ₂ Me-4-CF ₃ Ph	5-methyltetrazol-2-yl	CF ₃	
1328	2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
1329	2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	methyl	
1330	2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	i-propyl	
1331	2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	cyclopropyl	
1332	2-SO ₂ Me-4-CF ₃ Ph	1-methyltetrazol-5-yl	CF ₃	
1333	2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	H	
1334	2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	methyl	
1335	2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	i-propyl	
1336	2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	cyclopropyl	157
1337	2-SO ₂ Me-4-CF ₃ Ph	2-methyltetrazol-5-yl	CF ₃	
1338	2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	H	
1339	2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	methyl	
1340	2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	i-propyl	
1341	2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	cyclopropyl	
1342	2-SO ₂ Me-4-CF ₃ Ph	pyridin-2-yl	CF ₃	
1343	2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	H	
1344	2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	methyl	
1345	2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	i-propyl	
1346	2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	cyclopropyl	
1347	2-SO ₂ Me-4-CF ₃ Ph	pyridin-4-yl	CF ₃	
1348	2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	H	
1349	2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	methyl	
1350	2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	i-propyl	
1351	2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	cyclopropyl	
1352	2-SO ₂ Me-4-CF ₃ Ph	pyridin-3-yl	CF ₃	
1353	2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	H	
1354	2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	methyl	
1355	2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	i-propyl	
1356	2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	cyclopropyl	
1357	2-SO ₂ Me-4-CF ₃ Ph	3-nitropyridin-4-yl	CF ₃	
1358	2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	H	
1359	2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	methyl	
1360	2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	i-propyl	
1361	2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	cyclopropyl	
1362	2-SO ₂ Me-4-CF ₃ Ph	5-cyanopyridin-2-yl	CF ₃	
1363	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	H	
1364	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	methyl	
1365	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	i-propyl	
1366	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl	
1367	2-SO ₂ Me-4-CF ₃ Ph	5-trifluoromethylpyridin-2-yl	CF ₃	
1368	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	H	
1369	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	methyl	
1370	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	i-propyl	
1371	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	cyclopropyl	
1372	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-2-yl	CF ₃	
1373	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	H	
1374	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1375	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	i-propyl	
1376	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	cyclopropyl	
1377	2-SO ₂ Me-4-CF ₃ Ph	pyrimidin-4-yl	CF ₃	
1378	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	methyl	
1379	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	i-propyl	
1380	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	cyclopropyl	
1381	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyrimidin-4-yl	CF ₃	
1382	2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	H	
1383	2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	methyl	
1384	2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	i-propyl	
1385	2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	cyclopropyl	
1386	2-SO ₂ Me-4-CF ₃ Ph	pyridazin-3-yl	CF ₃	
1387	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	methyl	
1388	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	i-propyl	
1389	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	cyclopropyl	
1390	2-SO ₂ Me-4-CF ₃ Ph	6-chloropyridazin-3-yl	CF ₃	
1391	2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	methyl	
1392	2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	i-propyl	
1393	2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	cyclopropyl	
1394	2-SO ₂ Me-4-CF ₃ Ph	pyrazin-2-yl	CF ₃	
1395	2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	methyl	
1396	2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	i-propyl	
1397	2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	cyclopropyl	
1398	2-SO ₂ Me-4-CF ₃ Ph	triazin-2-yl	CF ₃	
1399	2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	methyl	
1400	2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	i-propyl	
1401	2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	cyclopropyl	
1402	2-SO ₂ Me-4-CF ₃ Ph	quinolin-2-yl	CF ₃	
1403	2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
1404	2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
1405	2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
1406	2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
1407	2-SO ₂ Me-4-CF ₃ Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
1408	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	H	
1409	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	methyl	
1410	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	i-propyl	
1411	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	cyclopropyl	
1412	2-SO ₂ Me-4-CF ₃ Ph	2-oxazolidinon-3-yl	CF ₃	
1413	2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	methyl	
1414	2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	i-propyl	
1415	2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	cyclopropyl	
1416	2-SO ₂ Me-4-CF ₃ Ph	2-pyrrolidinon-1-yl	CF ₃	
1417	2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	methyl	
1418	2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	i-propyl	
1419	2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	cyclopropyl	
1420	2-SO ₂ Me-4-CF ₃ Ph	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
1421	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	H	
1422	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	methyl	
1423	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl	
1424	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
1425	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃	
1426	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	H	
1427	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	methyl	
1428	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	i-propyl	
1429	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	cyclopropyl	
1430	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-SO ₂ MePh	CF ₃	
1431	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	H	
1432	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	methyl	
1433	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl	
1434	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
1435	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃	
1436	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	H	
1437	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	methyl	
1438	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	i-propyl	
1439	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	cyclopropyl	
1440	2-SO ₂ Me-4-CF ₃ Ph	2-NO ₂ -4-ClPh	CF ₃	
1441	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	H	
1442	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	methyl	
1443	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	i-propyl	
1444	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	cyclopropyl	
1445	2-SO ₂ Me-4-CF ₃ Ph	2-Cl-4-NO ₂ Ph	CF ₃	
1446	2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	H	
1447	2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	methyl	
1448	2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	i-propyl	
1449	2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl	
1450	2-SO ₂ Me-4-CF ₃ Ph	2,4-(NO ₂) ₂ Ph	CF ₃	
1451	2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	H	
1452	2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	methyl	
1453	2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	i-propyl	
1454	2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	cyclopropyl	
1455	2-SO ₂ Me-4-CF ₃ Ph	4-F-3-NO ₂ Ph	CF ₃	
1456	2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	H	
1457	2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	methyl	
1458	2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	i-propyl	
1459	2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl	
1460	2-SO ₂ Me-4-CF ₃ Ph	3,5-(CF ₃) ₂ Ph	CF ₃	
1461	2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	H	
1462	2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl	
1463	2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
1464	2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
1465	2-SO ₂ Me-4-CF ₃ Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
1466	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	H	
1467	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	methyl	
1468	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	i-propyl	
1469	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	cyclopropyl	
1470	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-5-yl	CF ₃	
1471	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	H	
1472	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
1473	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
1474	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1475	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
1476	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
1477	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
1478	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
1479	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1480	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
1481	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	H	
1482	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	methyl	
1483	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	i-propyl	
1484	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	cyclopropyl	
1485	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-oxadiazol-3-yl	CF ₃	
1486	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	H	
1487	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
1488	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
1489	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1490	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
1491	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
1492	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
1493	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
1494	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1495	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
1496	3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	H	
1497	3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
1498	3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
1499	3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
1500	3-Cl-5-CF ₃ Pyridin-2-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
1501	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	H	
1502	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	methyl	
1503	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	i-propyl	
1504	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	cyclopropyl	
1505	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-oxadiazol-2-yl	CF ₃	
1506	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
1507	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
1508	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
1509	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1510	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
1511	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	H	
1512	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
1513	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
1514	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1515	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
1516	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
1517	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
1518	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
1519	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1520	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
1521	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	H	
1522	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	methyl	
1523	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	i-propyl	
1524	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	cyclopropyl	
1525	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-4-yl	CF ₃	
1526	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	H	
1527	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	methyl	
1528	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	i-propyl	
1529	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1530	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyl-1,2,3-triazol-4-yl	CF ₃	
1531	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	H	
1532	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	methyl	
1533	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	i-propyl	
1534	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1535	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyl-1,2,3-triazol-4-yl	CF ₃	
1536	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	H	
1537	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	methyl	
1538	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	i-propyl	
1539	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	cyclopropyl	
1540	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-1-yl	CF ₃	
1541	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	H	
1542	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	methyl	
1543	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	i-propyl	
1544	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	cyclopropyl	
1545	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,3-triazol-2-yl	CF ₃	
1546	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	H	
1547	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	methyl	
1548	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	i-propyl	
1549	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	cyclopropyl	
1550	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-triazol-1-yl	CF ₃	
1551	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	H	
1552	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1553	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	i-propyl	
1554	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	cyclopropyl	
1555	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-2-yl	CF ₃	
1556	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	H	
1557	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	methyl	
1558	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	i-propyl	
1559	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	cyclopropyl	
1560	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-1-yl	CF ₃	
1561	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	H	
1562	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	methyl	
1563	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	i-propyl	
1564	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	cyclopropyl	
1565	3-Cl-5-CF ₃ Pyridin-2-yl	imidazol-4-yl	CF ₃	
1566	3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	H	
1567	3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	methyl	
1568	3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	i-propyl	
1569	3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	cyclopropyl	
1570	3-Cl-5-CF ₃ Pyridin-2-yl	thiazol-2-yl	CF ₃	
1571	3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	H	
1572	3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	methyl	
1573	3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	i-propyl	
1574	3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	cyclopropyl	
1575	3-Cl-5-CF ₃ Pyridin-2-yl	4-methylthiazol-2-yl	CF ₃	
1576	3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	H	
1577	3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	methyl	
1578	3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	i-propyl	
1579	3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	cyclopropyl	
1580	3-Cl-5-CF ₃ Pyridin-2-yl	oxazol-2-yl	CF ₃	
1581	3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	H	
1582	3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	methyl	
1583	3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	i-propyl	
1584	3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	cyclopropyl	
1585	3-Cl-5-CF ₃ Pyridin-2-yl	4,5-dimethyloxazol-2-yl	CF ₃	
1586	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	H	
1587	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	methyl	
1588	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	i-propyl	
1589	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	cyclopropyl	
1590	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolin-2-yl	CF ₃	
1591	3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	H	
1592	3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl	
1593	3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
1594	3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
1595	3-Cl-5-CF ₃ Pyridin-2-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
1596	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	H	
1597	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	methyl	
1598	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
1599	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	cyclopropyl	
1600	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-5-yl	CF ₃	
1601	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	H	
1602	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
1603	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
1604	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1605	3-Cl-5-CF ₃ Pyridin-2-yl	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
1606	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
1607	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
1608	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
1609	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1610	3-Cl-5-CF ₃ Pyridin-2-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
1611	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	H	
1612	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	methyl	
1613	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	i-propyl	
1614	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	cyclopropyl	
1615	3-Cl-5-CF ₃ Pyridin-2-yl	1,2,4-thiadiazol-3-yl	CF ₃	
1616	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	H	
1617	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
1618	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
1619	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1620	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
1621	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
1622	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
1623	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
1624	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1625	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
1626	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	H	
1627	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	methyl	
1628	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	i-propyl	
1629	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	cyclopropyl	
1630	3-Cl-5-CF ₃ Pyridin-2-yl	1,3,4-thiadiazol-2-yl	CF ₃	
1631	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
1632	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
1633	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
1634	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
1635	3-Cl-5-CF ₃ Pyridin-2-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
1636	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	H	
1637	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
1638	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
1639	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
1640	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
1641	3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	H	
1642	3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	methyl	
1643	3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	i-propyl	
1644	3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	cyclopropyl	
1645	3-Cl-5-CF ₃ Pyridin-2-yl	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
1646	3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	H	
1647	3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	methyl	
1648	3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	i-propyl	
1649	3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	cyclopropyl	
1650	3-Cl-5-CF ₃ Pyridin-2-yl	6-methylbenzoxazol-2-yl	CF ₃	
1651	3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	H	
1652	3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	methyl	
1653	3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	i-propyl	
1654	3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	cyclopropyl	
1655	3-Cl-5-CF ₃ Pyridin-2-yl	benzothiazol-2-yl	CF ₃	
1656	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	H	
1657	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	methyl	
1658	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	i-propyl	
1659	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	cyclopropyl	
1660	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-1-yl	CF ₃	
1661	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	H	
1662	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	methyl	
1663	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	i-propyl	
1664	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	cyclopropyl	
1665	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazol-3-yl	CF ₃	
1666	3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	H	
1667	3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	methyl	
1668	3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	i-propyl	
1669	3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	cyclopropyl	
1670	3-Cl-5-CF ₃ Pyridin-2-yl	1-methylpyrazol-3-yl	CF ₃	
1671	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	H	
1672	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	methyl	
1673	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	i-propyl	
1674	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	cyclopropyl	
1675	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-1-yl	CF ₃	
1676	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	H	
1677	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	methyl	
1678	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	i-propyl	
1679	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	cyclopropyl	
1680	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-1-yl	CF ₃	
1681	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	H	
1682	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	methyl	
1683	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	i-propyl	
1684	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	cyclopropyl	
1685	3-Cl-5-CF ₃ Pyridin-2-yl	tetrazol-2-yl	CF ₃	
1686	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	H	
1687	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	methyl	
1688	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	i-propyl	
1689	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	cyclopropyl	
1690	3-Cl-5-CF ₃ Pyridin-2-yl	5-methyltetrazol-2-yl	CF ₃	
1691	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
1692	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	methyl	
1693	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	i-propyl	
1694	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	cyclopropyl	
1695	3-Cl-5-CF ₃ Pyridin-2-yl	1-methyltetrazol-5-yl	CF ₃	
1696	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	H	
1697	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	methyl	
1698	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	i-propyl	
1699	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	cyclopropyl	
1700	3-Cl-5-CF ₃ Pyridin-2-yl	2-methyltetrazol-5-yl	CF ₃	
1701	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	H	
1702	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	methyl	
1703	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	i-propyl	
1704	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	cyclopropyl	
1705	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-2-yl	CF ₃	
1706	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	H	
1707	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	methyl	
1708	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	i-propyl	
1709	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	cyclopropyl	
1710	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-4-yl	CF ₃	
1711	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	H	
1712	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	methyl	
1713	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	i-propyl	
1714	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	cyclopropyl	
1715	3-Cl-5-CF ₃ Pyridin-2-yl	pyridin-3-yl	CF ₃	
1716	3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	H	
1717	3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	methyl	
1718	3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	i-propyl	
1719	3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	cyclopropyl	
1720	3-Cl-5-CF ₃ Pyridin-2-yl	3-nitropyridin-4-yl	CF ₃	
1721	3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	H	
1722	3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	methyl	
1723	3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	i-propyl	
1724	3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	cyclopropyl	
1725	3-Cl-5-CF ₃ Pyridin-2-yl	5-cyanopyridin-2-yl	CF ₃	
1726	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	H	
1727	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	methyl	
1728	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	i-propyl	
1729	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl	
1730	3-Cl-5-CF ₃ Pyridin-2-yl	5-trifluoromethylpyridin-2-yl	CF ₃	
1731	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	H	
1732	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	methyl	
1733	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	i-propyl	
1734	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	cyclopropyl	
1735	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-2-yl	CF ₃	
1736	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	H	
1737	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1738	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	i-propyl	
1739	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	cyclopropyl	
1740	3-Cl-5-CF ₃ Pyridin-2-yl	pyrimidin-4-yl	CF ₃	
1741	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	methyl	
1742	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	i-propyl	
1743	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	cyclopropyl	
1744	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyrimidin-4-yl	CF ₃	
1745	3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	H	
1746	3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	methyl	
1747	3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	i-propyl	
1748	3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	cyclopropyl	
1749	3-Cl-5-CF ₃ Pyridin-2-yl	pyridazin-3-yl	CF ₃	
1750	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	methyl	
1751	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	i-propyl	
1752	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	cyclopropyl	
1753	3-Cl-5-CF ₃ Pyridin-2-yl	6-chloropyridazin-3-yl	CF ₃	
1754	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	methyl	
1755	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	i-propyl	
1756	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	cyclopropyl	
1757	3-Cl-5-CF ₃ Pyridin-2-yl	pyrazin-2-yl	CF ₃	
1758	3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	methyl	
1759	3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	i-propyl	
1760	3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	cyclopropyl	
1761	3-Cl-5-CF ₃ Pyridin-2-yl	triazin-2-yl	CF ₃	
1762	3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	methyl	
1763	3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	i-propyl	
1764	3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	cyclopropyl	
1765	3-Cl-5-CF ₃ Pyridin-2-yl	quinolin-2-yl	CF ₃	
1766	3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
1767	3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
1768	3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
1769	3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
1770	3-Cl-5-CF ₃ Pyridin-2-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
1771	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	H	
1772	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	methyl	
1773	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	i-propyl	
1774	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	cyclopropyl	
1775	3-Cl-5-CF ₃ Pyridin-2-yl	2-oxazolidinon-3-yl	CF ₃	
1776	3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	methyl	
1777	3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	i-propyl	
1778	3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	cyclopropyl	
1779	3-Cl-5-CF ₃ Pyridin-2-yl	2-pyrrolidinon-1-yl	CF ₃	
1780	3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	methyl	
1781	3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	i-propyl	
1782	3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	cyclopropyl	
1783	3-Cl-5-CF ₃ Pyridin-2-yl	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
1784	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	H	
1785	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	methyl	
1786	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl	
1787	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
1788	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃	
1789	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	H	
1790	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	methyl	
1791	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	i-propyl	
1792	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	cyclopropyl	
1793	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-SO ₂ MePh	CF ₃	
1794	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	H	
1795	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	methyl	
1796	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl	
1797	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
1798	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃	
1799	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	H	
1800	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	methyl	
1801	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	i-propyl	
1802	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	cyclopropyl	
1803	3-Cl-5-CF ₃ Pyridin-2-yl	2-NO ₂ -4-ClPh	CF ₃	
1804	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	H	
1805	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	methyl	
1806	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	i-propyl	
1807	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	cyclopropyl	
1808	3-Cl-5-CF ₃ Pyridin-2-yl	2-Cl-4-NO ₂ Ph	CF ₃	
1809	3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	H	
1810	3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	methyl	
1811	3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	i-propyl	
1812	3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl	
1813	3-Cl-5-CF ₃ Pyridin-2-yl	2,4-(NO ₂) ₂ Ph	CF ₃	
1814	3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	H	
1815	3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	methyl	
1816	3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	i-propyl	
1817	3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	cyclopropyl	
1818	3-Cl-5-CF ₃ Pyridin-2-yl	4-F-3-NO ₂ Ph	CF ₃	
1819	3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	H	
1820	3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	methyl	
1821	3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	i-propyl	
1822	3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl	
1823	3-Cl-5-CF ₃ Pyridin-2-yl	3,5-(CF ₃) ₂ Ph	CF ₃	
1824	3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	H	
1825	3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl	
1826	3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
1827	3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
1828	3-Cl-5-CF ₃ Pyridin-2-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
1829	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	H	
1830	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	methyl	
1831	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	i-propyl	
1832	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	cyclopropyl	
1833	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-5-yl	CF ₃	
1834	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	H	
1835	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
1836	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
1837	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1838	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
1839	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
1840	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
1841	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
1842	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
1843	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
1844	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	H	
1845	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	methyl	
1846	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	i-propyl	
1847	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	cyclopropyl	
1848	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-oxadiazol-3-yl	CF ₃	
1849	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	H	
1850	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
1851	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
1852	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1853	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
1854	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
1855	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
1856	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
1857	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
1858	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
1859	2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	H	
1860	2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
1861	2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
1862	2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
1863	2,4-(Me) ₂ Thiazol-5-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
1864	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	H	
1865	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	methyl	
1866	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	i-propyl	
1867	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	cyclopropyl	
1868	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-oxadiazol-2-yl	CF ₃	
1869	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
1870	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
1871	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
1872	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1873	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
1874	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	H	
1875	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
1876	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
1877	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1878	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
1879	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
1880	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
1881	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
1882	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
1883	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
1884	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	H	
1885	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	methyl	
1886	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	i-propyl	
1887	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	cyclopropyl	
1888	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-4-yl	CF ₃	
1889	2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	H	
1890	2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	methyl	
1891	2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	i-propyl	
1892	2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1893	2,4-(Me) ₂ Thiazol-5-yl	1-methyl-1,2,3-triazol-4-yl	CF ₃	
1894	2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	H	
1895	2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	methyl	
1896	2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	i-propyl	
1897	2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
1898	2,4-(Me) ₂ Thiazol-5-yl	2-methyl-1,2,3-triazol-4-yl	CF ₃	
1899	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	H	
1900	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	methyl	
1901	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	i-propyl	
1902	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	cyclopropyl	
1903	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-1-yl	CF ₃	
1904	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	H	
1905	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	methyl	
1906	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	i-propyl	
1907	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	cyclopropyl	
1908	2,4-(Me) ₂ Thiazol-5-yl	1,2,3-triazol-2-yl	CF ₃	
1909	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	H	
1910	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	methyl	
1911	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	i-propyl	
1912	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	cyclopropyl	
1913	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-triazol-1-yl	CF ₃	
1914	2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	H	
1915	2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
1916	2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	i-propyl	
1917	2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	cyclopropyl	
1918	2,4-(Me) ₂ Thiazol-5-yl	imidazol-2-yl	CF ₃	
1919	2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	H	
1920	2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	methyl	
1921	2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	i-propyl	
1922	2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	cyclopropyl	
1923	2,4-(Me) ₂ Thiazol-5-yl	imidazol-1-yl	CF ₃	
1924	2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	H	
1925	2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	methyl	
1926	2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	i-propyl	
1927	2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	cyclopropyl	
1928	2,4-(Me) ₂ Thiazol-5-yl	imidazol-4-yl	CF ₃	
1929	2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	H	
1930	2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	methyl	
1931	2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	i-propyl	
1932	2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	cyclopropyl	
1933	2,4-(Me) ₂ Thiazol-5-yl	thiazol-2-yl	CF ₃	
1934	2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	H	
1935	2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	methyl	
1936	2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	i-propyl	
1937	2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	cyclopropyl	
1938	2,4-(Me) ₂ Thiazol-5-yl	4-methylthiazol-2-yl	CF ₃	
1939	2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	H	
1940	2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	methyl	
1941	2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	i-propyl	
1942	2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	cyclopropyl	
1943	2,4-(Me) ₂ Thiazol-5-yl	oxazol-2-yl	CF ₃	
1944	2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	H	
1945	2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	methyl	
1946	2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	i-propyl	
1947	2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	cyclopropyl	
1948	2,4-(Me) ₂ Thiazol-5-yl	4,5-dimethyloxazol-2-yl	CF ₃	
1949	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	H	
1950	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	methyl	
1951	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	i-propyl	
1952	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	cyclopropyl	
1953	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolin-2-yl	CF ₃	
1954	2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	H	
1955	2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl	
1956	2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
1957	2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
1958	2,4-(Me) ₂ Thiazol-5-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
1959	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	H	
1960	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	methyl	
1961	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
1962	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	cyclopropyl	
1963	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-5-yl	CF ₃	
1964	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	H	
1965	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
1966	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
1967	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1968	2,4-(Me) ₂ Thiazol-5-yl	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
1969	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
1970	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
1971	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
1972	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
1973	2,4-(Me) ₂ Thiazol-5-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
1974	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	H	
1975	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	methyl	
1976	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	i-propyl	
1977	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	cyclopropyl	
1978	2,4-(Me) ₂ Thiazol-5-yl	1,2,4-thiadiazol-3-yl	CF ₃	
1979	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	H	
1980	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
1981	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
1982	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1983	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
1984	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
1985	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
1986	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
1987	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
1988	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
1989	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	H	
1990	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	methyl	
1991	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	i-propyl	
1992	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	cyclopropyl	
1993	2,4-(Me) ₂ Thiazol-5-yl	1,3,4-thiadiazol-2-yl	CF ₃	
1994	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
1995	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
1996	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
1997	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
1998	2,4-(Me) ₂ Thiazol-5-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
1999	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	H	
2000	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
2001	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
2002	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
2003	2,4-(Me) ₂ Thiazol-5-yl	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
2004	2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	H	
2005	2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	methyl	
2006	2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	i-propyl	
2007	2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	cyclopropyl	
2008	2,4-(Me) ₂ Thiazol-5-yl	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
2009	2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	H	
2010	2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	methyl	
2011	2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	i-propyl	
2012	2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	cyclopropyl	
2013	2,4-(Me) ₂ Thiazol-5-yl	6-methylbenzoxazol-2-yl	CF ₃	
2014	2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	H	
2015	2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	methyl	
2016	2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	i-propyl	
2017	2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	cyclopropyl	
2018	2,4-(Me) ₂ Thiazol-5-yl	benzothiazol-2-yl	CF ₃	
2019	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	H	
2020	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	methyl	
2021	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	i-propyl	
2022	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	cyclopropyl	
2023	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-1-yl	CF ₃	
2024	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	H	
2025	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	methyl	
2026	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	i-propyl	
2027	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	cyclopropyl	
2028	2,4-(Me) ₂ Thiazol-5-yl	pyrazol-3-yl	CF ₃	
2029	2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	H	
2030	2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	methyl	
2031	2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	i-propyl	
2032	2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	cyclopropyl	
2033	2,4-(Me) ₂ Thiazol-5-yl	1-methylpyrazol-3-yl	CF ₃	
2034	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	H	
2035	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	methyl	
2036	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	i-propyl	
2037	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	cyclopropyl	
2038	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-1-yl	CF ₃	
2039	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	H	
2040	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	methyl	
2041	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	i-propyl	
2042	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	cyclopropyl	
2043	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-1-yl	CF ₃	
2044	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	H	
2045	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	methyl	
2046	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	i-propyl	
2047	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	cyclopropyl	
2048	2,4-(Me) ₂ Thiazol-5-yl	tetrazol-2-yl	CF ₃	
2049	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	H	
2050	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	methyl	
2051	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	i-propyl	
2052	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	cyclopropyl	
2053	2,4-(Me) ₂ Thiazol-5-yl	5-methyltetrazol-2-yl	CF ₃	
2054	2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
2055	2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	methyl	
2056	2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	i-propyl	
2057	2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	cyclopropyl	
2058	2,4-(Me) ₂ Thiazol-5-yl	1-methyltetrazol-5-yl	CF ₃	
2059	2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	H	
2060	2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	methyl	
2061	2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	i-propyl	
2062	2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	cyclopropyl	
2063	2,4-(Me) ₂ Thiazol-5-yl	2-methyltetrazol-5-yl	CF ₃	
2064	2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	H	
2065	2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	methyl	
2066	2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	i-propyl	
2067	2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	cyclopropyl	
2068	2,4-(Me) ₂ Thiazol-5-yl	pyridin-2-yl	CF ₃	
2069	2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	H	
2070	2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	methyl	
2071	2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	i-propyl	
2072	2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	cyclopropyl	
2073	2,4-(Me) ₂ Thiazol-5-yl	pyridin-4-yl	CF ₃	
2074	2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	H	
2075	2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	methyl	
2076	2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	i-propyl	
2077	2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	cyclopropyl	
2078	2,4-(Me) ₂ Thiazol-5-yl	pyridin-3-yl	CF ₃	
2079	2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	H	
2080	2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	methyl	
2081	2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	i-propyl	
2082	2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	cyclopropyl	
2083	2,4-(Me) ₂ Thiazol-5-yl	3-nitropyridin-4-yl	CF ₃	
2084	2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	H	
2085	2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	methyl	
2086	2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	i-propyl	
2087	2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	cyclopropyl	
2088	2,4-(Me) ₂ Thiazol-5-yl	5-cyanopyridin-2-yl	CF ₃	
2089	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	H	
2090	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	methyl	
2091	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	i-propyl	
2092	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl	
2093	2,4-(Me) ₂ Thiazol-5-yl	5-trifluoromethylpyridin-2-yl	CF ₃	
2094	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	H	
2095	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	methyl	
2096	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	i-propyl	
2097	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	cyclopropyl	
2098	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-2-yl	CF ₃	
2099	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	H	
2100	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
2101	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	i-propyl	
2102	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	cyclopropyl	
2103	2,4-(Me) ₂ Thiazol-5-yl	pyrimidin-4-yl	CF ₃	
2104	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	methyl	
2105	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	i-propyl	
2106	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	cyclopropyl	
2107	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyrimidin-4-yl	CF ₃	
2108	2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	H	
2109	2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	methyl	
2110	2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	i-propyl	
2111	2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	cyclopropyl	
2112	2,4-(Me) ₂ Thiazol-5-yl	pyridazin-3-yl	CF ₃	
2113	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	methyl	
2114	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	i-propyl	
2115	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	cyclopropyl	
2116	2,4-(Me) ₂ Thiazol-5-yl	6-chloropyridazin-3-yl	CF ₃	
2117	2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	methyl	
2118	2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	i-propyl	
2119	2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	cyclopropyl	
2120	2,4-(Me) ₂ Thiazol-5-yl	pyrazin-2-yl	CF ₃	
2121	2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	methyl	
2122	2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	i-propyl	
2123	2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	cyclopropyl	
2124	2,4-(Me) ₂ Thiazol-5-yl	triazin-2-yl	CF ₃	
2125	2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	methyl	
2126	2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	i-propyl	
2127	2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	cyclopropyl	
2128	2,4-(Me) ₂ Thiazol-5-yl	quinolin-2-yl	CF ₃	
2129	2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
2130	2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
2131	2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
2132	2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
2133	2,4-(Me) ₂ Thiazol-5-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
2134	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	H	
2135	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	methyl	
2136	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	i-propyl	
2137	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	cyclopropyl	
2138	2,4-(Me) ₂ Thiazol-5-yl	2-oxazolidinon-3-yl	CF ₃	
2139	2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	methyl	
2140	2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	i-propyl	
2141	2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	cyclopropyl	
2142	2,4-(Me) ₂ Thiazol-5-yl	2-pyrrolidinon-1-yl	CF ₃	
2143	2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	methyl	
2144	2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	i-propyl	
2145	2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	cyclopropyl	
2146	2,4-(Me) ₂ Thiazol-5-yl	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	mp. (°C)
2147	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	H	
2148	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	methyl	
2149	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl	
2150	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
2151	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃	
2152	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	H	
2153	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	methyl	
2154	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	i-propyl	
2155	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	cyclopropyl	
2156	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-SO ₂ MePh	CF ₃	
2157	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	H	
2158	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	methyl	
2159	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl	
2160	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
2161	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃	
2162	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	H	
2163	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	methyl	
2164	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	i-propyl	
2165	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	cyclopropyl	
2166	2,4-(Me) ₂ Thiazol-5-yl	2-NO ₂ -4-CIPh	CF ₃	
2167	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	H	
2168	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	methyl	
2169	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	i-propyl	
2170	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	cyclopropyl	
2171	2,4-(Me) ₂ Thiazol-5-yl	2-Cl-4-NO ₂ Ph	CF ₃	
2172	2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	H	
2173	2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	methyl	
2174	2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	i-propyl	
2175	2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl	
2176	2,4-(Me) ₂ Thiazol-5-yl	2,4-(NO ₂) ₂ Ph	CF ₃	
2177	2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	H	
2178	2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	methyl	
2179	2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	i-propyl	
2180	2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	cyclopropyl	
2181	2,4-(Me) ₂ Thiazol-5-yl	4-F-3-NO ₂ Ph	CF ₃	
2182	2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	H	
2183	2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	methyl	
2184	2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	i-propyl	
2185	2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl	
2186	2,4-(Me) ₂ Thiazol-5-yl	3,5-(CF ₃) ₂ Ph	CF ₃	
2187	2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	H	
2188	2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl	
2189	2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
2190	2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
2191	2,4-(Me) ₂ Thiazol-5-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	mp (°C)
2192	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	H	
2193	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	methyl	
2194	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	i-propyl	
2195	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	cyclopropyl	
2196	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-5-yl	CF ₃	
2197	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	H	
2198	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
2199	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
2200	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
2201	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
2202	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
2203	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
2204	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
2205	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
2206	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
2207	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	H	
2208	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	methyl	
2209	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	i-propyl	
2210	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	cyclopropyl	
2211	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-oxadiazol-3-yl	CF ₃	
2212	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	H	
2213	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
2214	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
2215	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
2216	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
2217	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
2218	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
2219	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
2220	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
2221	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
2222	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	H	
2223	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
2224	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
2225	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
2226	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
2227	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	H	
2228	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	methyl	
2229	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	i-propyl	
2230	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	cyclopropyl	
2231	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-oxadiazol-2-yl	CF ₃	
2232	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N	A	B	R	m.p. (°C)
2233	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
2234	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
2235	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2236	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
2237	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	H	
2238	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
2239	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
2240	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2241	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
2242	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
2243	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
2244	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
2245	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2246	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
2247	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	H	
2248	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	methyl	
2249	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	i-propyl	
2250	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	cyclopropyl	
2251	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-4-yl	CF ₃	
2252	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	H	
2253	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	methyl	
2254	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	i-propyl	
2255	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
2256	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyl-1,2,3-triazol-4-yl	CF ₃	
2257	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	H	
2258	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	methyl	
2259	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	i-propyl	
2260	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
2261	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyl-1,2,3-triazol-4-yl	CF ₃	
2262	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	H	
2263	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	methyl	
2264	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	i-propyl	
2265	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	cyclopropyl	
2266	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-1-yl	CF ₃	
2267	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	H	
2268	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	methyl	
2269	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	i-propyl	
2270	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	cyclopropyl	
2271	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,3-triazol-2-yl	CF ₃	
2272	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	H	
2273	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	methyl	
2274	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	i-propyl	
2275	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	cyclopropyl	
2276	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-triazol-1-yl	CF ₃	
2277	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	H	
2278	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
2279	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	i-propyl	
2280	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	cyclopropyl	
2281	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-2-yl	CF ₃	
2282	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	H	
2283	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	methyl	
2284	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	i-propyl	
2285	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	cyclopropyl	
2286	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-1-yl	CF ₃	
2287	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	H	
2288	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	methyl	
2289	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	i-propyl	
2290	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	cyclopropyl	
2291	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	imidazol-4-yl	CF ₃	
2292	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	H	
2293	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	methyl	
2294	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	i-propyl	
2295	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	cyclopropyl	
2296	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	thiazol-2-yl	CF ₃	
2297	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	H	
2298	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	methyl	
2299	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	i-propyl	
2300	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	cyclopropyl	
2301	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-methylthiazol-2-yl	CF ₃	
2302	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	H	
2303	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	methyl	
2304	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	i-propyl	
2305	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	cyclopropyl	
2306	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	oxazol-2-yl	CF ₃	
2307	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	H	
2308	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	methyl	
2309	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	i-propyl	
2310	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	cyclopropyl	
2311	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,5-dimethyloxazol-2-yl	CF ₃	
2312	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	H	
2313	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	methyl	
2314	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	i-propyl	
2315	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	cyclopropyl	
2316	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolin-2-yl	CF ₃	
2317	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	H	
2318	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	methyl	
2319	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
2320	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
2321	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
2322	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	H	
2323	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	methyl	
2324	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
2325	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	cyclopropyl	
2326	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-5-yl	CF ₃	
2327	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	H	
2328	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
2329	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
2330	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
2331	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
2332	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
2333	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
2334	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
2335	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
2336	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
2337	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	H	
2338	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	methyl	
2339	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	i-propyl	
2340	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	cyclopropyl	
2341	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,2,4-thiadiazol-3-yl	CF ₃	
2342	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	H	
2343	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
2344	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
2345	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
2346	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
2347	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
2348	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
2349	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
2350	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
2351	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
2352	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	H	
2353	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	methyl	
2354	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	i-propyl	
2355	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	cyclopropyl	
2356	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1,3,4-thiadiazol-2-yl	CF ₃	
2357	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
2358	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
2359	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
2360	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
2361	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
2362	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	H	
2363	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
2364	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
2365	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
2366	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
2367	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	H	
2368	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	methyl	
2369	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	i-propyl	
2370	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	cyclopropyl	
2371	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	mp (°C)
2372	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	H	
2373	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	methyl	
2374	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	i-propyl	
2375	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	cyclopropyl	
2376	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-methylbenzoxazol-2-yl	CF ₃	
2377	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	H	
2378	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	methyl	
2379	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	i-propyl	
2380	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	cyclopropyl	
2381	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	benzothiazol-2-yl	CF ₃	
2382	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	H	
2383	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	methyl	
2384	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	i-propyl	
2385	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	cyclopropyl	
2386	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-1-yl	CF ₃	
2387	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	H	
2388	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	methyl	
2389	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	i-propyl	
2390	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	cyclopropyl	
2391	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazol-3-yl	CF ₃	
2392	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	H	
2393	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	methyl	
2394	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	i-propyl	
2395	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	cyclopropyl	
2396	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methylpyrazol-3-yl	CF ₃	
2397	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	H	
2398	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	methyl	
2399	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	i-propyl	
2400	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	cyclopropyl	
2401	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-1-yl	CF ₃	
2402	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	H	
2403	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	methyl	
2404	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	i-propyl	
2405	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	cyclopropyl	
2406	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-1-yl	CF ₃	
2407	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	H	
2408	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	methyl	
2409	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	i-propyl	
2410	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	cyclopropyl	
2411	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	tetrazol-2-yl	CF ₃	
2412	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	H	
2413	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	methyl	
2414	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	i-propyl	
2415	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	cyclopropyl	
2416	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-methyltetrazol-2-yl	CF ₃	
2417	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	mp (°C)
2418	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	methyl	
2419	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	i-propyl	
2420	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	cyclopropyl	
2421	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	1-methyltetrazol-5-yl	CF ₃	
2422	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	H	
2423	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	methyl	
2424	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	i-propyl	
2425	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	cyclopropyl	
2426	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-methyltetrazol-5-yl	CF ₃	
2427	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	H	
2428	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	methyl	
2429	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	i-propyl	
2430	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	cyclopropyl	
2431	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-2-yl	CF ₃	
2432	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	H	
2433	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	methyl	
2434	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	i-propyl	
2435	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	cyclopropyl	
2436	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-4-yl	CF ₃	
2437	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	H	
2438	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	methyl	
2439	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	i-propyl	
2440	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	cyclopropyl	
2441	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridin-3-yl	CF ₃	
2442	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	H	
2443	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	methyl	
2444	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	i-propyl	
2445	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	cyclopropyl	
2446	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-nitropyridin-4-yl	CF ₃	
2447	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	H	
2448	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	methyl	
2449	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	i-propyl	
2450	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	cyclopropyl	
2451	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-cyanopyridin-2-yl	CF ₃	
2452	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	H	
2453	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	methyl	
2454	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	i-propyl	
2455	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	cyclopropyl	
2456	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	5-trifluoromethylpyridin-2-yl	CF ₃	
2457	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	H	
2458	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	methyl	
2459	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	i-propyl	
2460	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	cyclopropyl	
2461	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-2-yl	CF ₃	
2462	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	H	
2463	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
2464	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	i-propyl	
2465	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	cyclopropyl	
2466	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrimidin-4-yl	CF ₃	
2467	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	methyl	
2468	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	i-propyl	
2469	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	cyclopropyl	
2470	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyrimidin-4-yl	CF ₃	
2471	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	H	
2472	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	methyl	
2473	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	i-propyl	
2474	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	cyclopropyl	
2475	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyridazin-3-yl	CF ₃	
2476	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	methyl	
2477	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	i-propyl	
2478	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	cyclopropyl	
2479	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	6-chloropyridazin-3-yl	CF ₃	
2480	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	methyl	
2481	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	i-propyl	
2482	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	cyclopropyl	
2483	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	pyrazin-2-yl	CF ₃	
2484	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	methyl	
2485	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	i-propyl	
2486	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	cyclopropyl	
2487	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	triazin-2-yl	CF ₃	
2488	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	methyl	
2489	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	i-propyl	
2490	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	cyclopropyl	
2491	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	quinolin-2-yl	CF ₃	
2492	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
2493	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
2494	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
2495	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
2496	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
2497	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	H	
2498	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	methyl	
2499	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	i-propyl	
2500	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	cyclopropyl	
2501	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-oxazolidinon-3-yl	CF ₃	
2502	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	methyl	
2503	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	i-propyl	
2504	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	cyclopropyl	
2505	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-pyrrolidinon-1-yl	CF ₃	
2506	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	methyl	
2507	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	i-propyl	
2508	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	cyclopropyl	
2509	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
2510	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	H	
2511	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	methyl	
2512	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	i-propyl	
2513	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
2514	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-SO ₂ MePh	CF ₃	
2515	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	H	
2516	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	methyl	
2517	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	i-propyl	
2518	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	cyclopropyl	
2519	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-SO ₂ MePh	CF ₃	
2520	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	H	
2521	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	methyl	
2522	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	i-propyl	
2523	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
2524	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-CF ₃ Ph	CF ₃	
2525	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-ClPh	H	
2526	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-ClPh	methyl	
2527	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-ClPh	i-propyl	
2528	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-ClPh	cyclopropyl	
2529	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-NO ₂ -4-ClPh	CF ₃	
2530	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	H	
2531	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	methyl	
2532	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	i-propyl	
2533	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	cyclopropyl	
2534	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-Cl-4-NO ₂ Ph	CF ₃	
2535	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	H	
2536	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	methyl	
2537	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	i-propyl	
2538	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	cyclopropyl	
2539	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2,4-(NO ₂) ₂ Ph	CF ₃	
2540	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	H	
2541	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	methyl	
2542	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	i-propyl	
2543	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	cyclopropyl	
2544	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	4-F-3-NO ₂ Ph	CF ₃	
2545	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	H	
2546	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	methyl	
2547	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	i-propyl	
2548	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	cyclopropyl	
2549	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	3,5-(CF ₃) ₂ Ph	CF ₃	
2550	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	H	
2551	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	methyl	
2552	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
2553	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
2554	2-Me-4-SO ₂ Me-3-(4,5-dihydroisoxazol-3-yl)Ph	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
2555	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-5-yl	H	
2556	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-5-yl	methyl	
2557	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-5-yl	i-propyl	
2558	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-5-yl	cyclopropyl	
2559	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-5-yl	CF ₃	
2560	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	H	
2561	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	methyl	
2562	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	i-propyl	
2563	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
2564	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methyl-1,2,4-oxadiazol-5-yl	CF ₃	
2565	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	H	
2566	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	methyl	
2567	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	i-propyl	
2568	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	cyclopropyl	
2569	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-trifluoromethyl-1,2,4-oxadiazol-5-yl	CF ₃	
2570	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-3-yl	H	
2571	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-3-yl	methyl	
2572	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-3-yl	i-propyl	
2573	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-3-yl	cyclopropyl	
2574	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,2,4-oxadiazol-3-yl	CF ₃	
2575	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	H	
2576	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	methyl	
2577	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	i-propyl	
2578	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
2579	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methyl-1,2,4-oxadiazol-3-yl	CF ₃	
2580	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	H	
2581	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	methyl	
2582	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	i-propyl	
2583	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	cyclopropyl	
2584	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-trifluoromethyl-1,2,4-oxadiazol-3-yl	CF ₃	
2585	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	H	
2586	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	methyl	
2587	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	i-propyl	
2588	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	cyclopropyl	
2589	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-chloro-1,2,4-oxadiazol-3-yl	CF ₃	
2590	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,3,4-oxadiazol-2-yl	H	
2591	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,3,4-oxadiazol-2-yl	methyl	
2592	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,3,4-oxadiazol-2-yl	i-propyl	
2593	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,3,4-oxadiazol-2-yl	cyclopropyl	
2594	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	1,3,4-oxadiazol-2-yl	CF ₃	
2595	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	H	

Compound N°	A	B	R	m.p. (°C)
2596	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	methyl	
2597	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	i-propyl	
2598	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2599	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-oxadiazol-2-yl	CF ₃	
2600	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-oxadiazol-2-yl	H	
2601	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-oxadiazol-2-yl	methyl	
2602	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-oxadiazol-2-yl	i-propyl	
2603	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2604	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-oxadiazol-2-yl	CF ₃	
2605	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	H	
2606	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	methyl	
2607	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	i-propyl	
2608	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	cyclopropyl	
2609	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,3,4-oxadiazol-2-yl	CF ₃	
2610	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-4-yl	H	
2611	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-4-yl	methyl	
2612	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-4-yl	i-propyl	
2613	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-4-yl	cyclopropyl	
2614	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-4-yl	CF ₃	
2615	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyl-1,2,3-triazol-4-yl	H	
2616	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyl-1,2,3-triazol-4-yl	methyl	
2617	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyl-1,2,3-triazol-4-yl	i-propyl	
2618	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyl-1,2,3-triazol-4-yl	cyclopropyl	
2619	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyl-1,2,3-triazol-4-yl	CF ₃	
2620	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyl-1,2,3-triazol-4-yl	H	
2621	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyl-1,2,3-triazol-4-yl	methyl	
2622	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyl-1,2,3-triazol-4-yl	i-propyl	
2623	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyl-1,2,3-triazol-4-yl	cyclopropyl	
2624	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyl-1,2,3-triazol-4-yl	CF ₃	
2625	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-1-yl	H	
2626	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-1-yl	methyl	
2627	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-1-yl	i-propyl	
2628	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-1-yl	cyclopropyl	
2629	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-1-yl	CF ₃	
2630	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-2-yl	H	
2631	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-2-yl	methyl	
2632	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-2-yl	i-propyl	
2633	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-2-yl	cyclopropyl	
2634	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,3-triazol-2-yl	CF ₃	
2635	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-triazol-1-yl	H	
2636	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-triazol-1-yl	methyl	
2637	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-triazol-1-yl	i-propyl	
2638	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-triazol-1-yl	cyclopropyl	
2639	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-triazol-1-yl	CF ₃	
2640	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	H	
2641	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	methyl	

Compound N	A	B	R	m.p. (°C)
2642	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	i-propyl	
2643	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	cyclopropyl	
2644	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-2-yl	CF ₃	
2645	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	H	
2646	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	methyl	
2647	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	i-propyl	
2648	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	cyclopropyl	
2649	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-1-yl	CF ₃	
2650	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	H	
2651	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	methyl	
2652	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	i-propyl	
2653	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	cyclopropyl	
2654	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	imidazol-4-yl	CF ₃	
2655	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	H	
2656	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	methyl	
2657	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	i-propyl	
2658	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	cyclopropyl	
2659	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	thiazol-2-yl	CF ₃	
2660	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	H	
2661	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	methyl	
2662	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	i-propyl	
2663	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	cyclopropyl	
2664	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4-methylthiazol-2-yl	CF ₃	
2665	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	H	
2666	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	methyl	
2667	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	i-propyl	
2668	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	cyclopropyl	
2669	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	oxazol-2-yl	CF ₃	
2670	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	H	
2671	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	methyl	
2672	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	i-propyl	
2673	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	cyclopropyl	
2674	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,5-dimethyloxazol-2-yl	CF ₃	
2675	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	H	
2676	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	methyl	
2677	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	i-propyl	
2678	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	cyclopropyl	
2679	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-oxazolin-2-yl	CF ₃	
2680	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	H	
2681	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	methyl	
2682	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	i-propyl	
2683	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	cyclopropyl	
2684	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	4,4-dimethyl-2-oxazolin-2-yl	CF ₃	
2685	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	H	
2686	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	methyl	
2687	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	i-propyl	

Compound N	A	B	R	m.p. (°C)
2688	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	cyclopropyl	
2689	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-5-yl	CF ₃	
2690	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-thiadiazol-5-yl	H	
2691	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-thiadiazol-5-yl	methyl	
2692	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-thiadiazol-5-yl	i-propyl	
2693	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
2694	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-methyl-1,2,4-thiadiazol-5-yl	CF ₃	
2695	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	H	
2696	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	methyl	
2697	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	i-propyl	
2698	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	cyclopropyl	
2699	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-trifluoromethyl-1,2,4-thiadiazol-5-yl	CF ₃	
2700	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-3-yl	H	
2701	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-3-yl	methyl	
2702	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-3-yl	i-propyl	
2703	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-3-yl	cyclopropyl	
2704	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,2,4-thiadiazol-3-yl	CF ₃	
2705	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-thiadiazol-3-yl	H	
2706	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-thiadiazol-3-yl	methyl	
2707	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-thiadiazol-3-yl	i-propyl	
2708	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
2709	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,2,4-thiadiazol-3-yl	CF ₃	
2710	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	H	
2711	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	methyl	
2712	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	i-propyl	
2713	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	cyclopropyl	
2714	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethyl-1,2,4-thiadiazol-3-yl	CF ₃	
2715	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-thiadiazol-2-yl	H	
2716	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-thiadiazol-2-yl	methyl	
2717	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-thiadiazol-2-yl	i-propyl	
2718	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-thiadiazol-2-yl	cyclopropyl	
2719	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1,3,4-thiadiazol-2-yl	CF ₃	
2720	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	H	
2721	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	methyl	
2722	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	i-propyl	
2723	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
2724	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methylsulfonyl-1,3,4-thiadiazol-2-yl	CF ₃	
2725	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-thiadiazol-2-yl	H	
2726	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-thiadiazol-2-yl	methyl	
2727	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-thiadiazol-2-yl	i-propyl	
2728	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-thiadiazol-2-yl	cyclopropyl	
2729	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyl-1,3,4-thiadiazol-2-yl	CF ₃	
2730	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzoxazol-2-yl	H	
2731	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzoxazol-2-yl	methyl	
2732	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzoxazol-2-yl	i-propyl	
2733	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzoxazol-2-yl	cyclopropyl	
2734	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzoxazol-2-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
2735	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	H	
2736	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	methyl	
2737	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	i-propyl	
2738	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	cyclopropyl	
2739	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	6-methylbenzoxazol-2-yl	CF ₃	
2740	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	H	
2741	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	methyl	
2742	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	i-propyl	
2743	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	cyclopropyl	
2744	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	benzothiazol-2-yl	CF ₃	
2745	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	H	
2746	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	methyl	
2747	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	i-propyl	
2748	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	cyclopropyl	
2749	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-1-yl	CF ₃	
2750	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	H	
2751	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	methyl	
2752	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	i-propyl	
2753	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	cyclopropyl	
2754	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrazol-3-yl	CF ₃	
2755	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	H	
2756	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	methyl	
2757	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	i-propyl	
2758	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	cyclopropyl	
2759	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methylpyrazol-3-yl	CF ₃	
2760	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	H	
2761	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	methyl	
2762	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	i-propyl	
2763	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	cyclopropyl	
2764	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-1-yl	CF ₃	
2765	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	H	
2766	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	methyl	
2767	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	i-propyl	
2768	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	cyclopropyl	
2769	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-1-yl	CF ₃	
2770	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	H	
2771	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	methyl	
2772	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	i-propyl	
2773	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	cyclopropyl	
2774	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	tetrazol-2-yl	CF ₃	
2775	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	H	
2776	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	methyl	
2777	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	i-propyl	
2778	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	cyclopropyl	
2779	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-methyltetrazol-2-yl	CF ₃	
2780	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	H	

Compound N	A	B	R	m.p. (°C)
2781	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	methyl	
2782	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	i-propyl	
2783	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	cyclopropyl	
2784	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	1-methyltetrazol-5-yl	CF ₃	
2785	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	H	
2786	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	methyl	
2787	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	i-propyl	
2788	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	cyclopropyl	
2789	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	2-methyltetrazol-5-yl	CF ₃	
2790	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	H	
2791	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	methyl	
2792	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	i-propyl	
2793	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	cyclopropyl	
2794	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-2-yl	CF ₃	
2795	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	H	
2796	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	methyl	
2797	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	i-propyl	
2798	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	cyclopropyl	
2799	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-4-yl	CF ₃	
2800	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	H	
2801	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	methyl	
2802	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	i-propyl	
2803	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	cyclopropyl	
2804	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyridin-3-yl	CF ₃	
2805	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	H	
2806	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	methyl	
2807	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	i-propyl	
2808	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	cyclopropyl	
2809	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	3-nitropyridin-4-yl	CF ₃	
2810	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	H	
2811	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	methyl	
2812	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	i-propyl	
2813	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	cyclopropyl	
2814	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-cyanopyridin-2-yl	CF ₃	
2815	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	H	
2816	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	methyl	
2817	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	i-propyl	
2818	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	cyclopropyl	
2819	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	5-trifluoromethylpyridin-2-yl	CF ₃	
2820	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	H	
2821	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	methyl	
2822	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	i-propyl	
2823	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	cyclopropyl	
2824	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-2-yl	CF ₃	
2825	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	H	
2826	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathiin-7-yl	pyrimidin-4-yl	methyl	

Compound N	A	B	R	m.p. (°C)
2827	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrimidin-4-yl	i-propyl	
2828	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrimidin-4-yl	cyclopropyl	
2829	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrimidin-4-yl	CF ₃	
2830	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyrimidin-4-yl	methyl	
2831	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyrimidin-4-yl	i-propyl	
2832	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyrimidin-4-yl	cyclopropyl	
2833	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyrimidin-4-yl	CF ₃	
2834	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyridazin-3-yl	H	
2835	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyridazin-3-yl	methyl	
2836	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyridazin-3-yl	i-propyl	
2837	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyridazin-3-yl	cyclopropyl	
2838	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyridazin-3-yl	CF ₃	
2839	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyridazin-3-yl	methyl	
2840	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyridazin-3-yl	i-propyl	
2841	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyridazin-3-yl	cyclopropyl	
2842	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	6-chloropyridazin-3-yl	CF ₃	
2843	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrazin-2-yl	methyl	
2844	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrazin-2-yl	i-propyl	
2845	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrazin-2-yl	cyclopropyl	
2846	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	pyrazin-2-yl	CF ₃	
2847	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	triazin-2-yl	methyl	
2848	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	triazin-2-yl	i-propyl	
2849	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	triazin-2-yl	cyclopropyl	
2850	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	triazin-2-yl	CF ₃	
2851	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	quinolin-2-yl	methyl	
2852	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	quinolin-2-yl	i-propyl	
2853	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	quinolin-2-yl	cyclopropyl	
2854	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	quinolin-2-yl	CF ₃	
2855	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	H	
2856	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	methyl	
2857	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	i-propyl	
2858	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	cyclopropyl	
2859	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4,4,6-trimethyl-5,6-dihydro-1,3(4H)-oxazin-2-yl	CF ₃	
2860	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-oxazolidinon-3-yl	H	
2861	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-oxazolidinon-3-yl	methyl	
2862	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-oxazolidinon-3-yl	i-propyl	
2863	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-oxazolidinon-3-yl	cyclopropyl	
2864	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-oxazolidinon-3-yl	CF ₃	
2865	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-pyrrolidinon-1-yl	methyl	
2866	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-pyrrolidinon-1-yl	i-propyl	
2867	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-pyrrolidinon-1-yl	cyclopropyl	
2868	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-pyrrolidinon-1-yl	CF ₃	
2869	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methylisoxazol-5-yl	methyl	
2870	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methylisoxazol-5-yl	i-propyl	
2871	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methylisoxazol-5-yl	cyclopropyl	
2872	4,4-dioxide-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3-methylisoxazol-5-yl	CF ₃	

Compound N	A	B	R	m.p. (°C)
2873	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-SO ₂ MePh	H	
2874	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-SO ₂ MePh	methyl	
2875	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-SO ₂ MePh	i-propyl	
2876	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-SO ₂ MePh	cyclopropyl	
2877	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-SO ₂ MePh	CF ₃	
2878	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-SO ₂ MePh	H	
2879	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-SO ₂ MePh	methyl	
2880	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-SO ₂ MePh	i-propyl	
2881	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-SO ₂ MePh	cyclopropyl	
2882	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-SO ₂ MePh	CF ₃	
2883	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-CF ₃ Ph	H	
2884	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-CF ₃ Ph	methyl	
2885	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-CF ₃ Ph	i-propyl	
2886	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-CF ₃ Ph	cyclopropyl	
2887	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-CF ₃ Ph	CF ₃	
2888	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-ClPh	H	
2889	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-ClPh	methyl	
2890	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-ClPh	i-propyl	
2891	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-ClPh	cyclopropyl	
2892	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-NO ₂ -4-ClPh	CF ₃	
2893	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-NO ₂ Ph	H	
2894	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-NO ₂ Ph	methyl	
2895	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-NO ₂ Ph	i-propyl	
2896	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-NO ₂ Ph	cyclopropyl	
2897	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-Cl-4-NO ₂ Ph	CF ₃	
2898	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2,4-(NO ₂) ₂ Ph	H	
2899	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2,4-(NO ₂) ₂ Ph	methyl	
2900	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2,4-(NO ₂) ₂ Ph	i-propyl	
2901	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2,4-(NO ₂) ₂ Ph	cyclopropyl	
2902	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2,4-(NO ₂) ₂ Ph	CF ₃	
2903	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4-F-3-NO ₂ Ph	H	
2904	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4-F-3-NO ₂ Ph	methyl	
2905	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4-F-3-NO ₂ Ph	i-propyl	
2906	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4-F-3-NO ₂ Ph	cyclopropyl	
2907	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	4-F-3-NO ₂ Ph	CF ₃	
2908	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3,5-(CF ₃) ₂ Ph	H	
2909	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3,5-(CF ₃) ₂ Ph	methyl	
2910	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3,5-(CF ₃) ₂ Ph	i-propyl	
2911	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3,5-(CF ₃) ₂ Ph	cyclopropyl	
2912	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	3,5-(CF ₃) ₂ Ph	CF ₃	
2913	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	H	
2914	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	methyl	
2915	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	i-propyl	
2916	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	cyclopropyl	
2917	4,4-dioxido-8-Me-2,3-dihydro-1,4-benzoxathin-7-yl	2-SO ₂ Me-4-CF ₃ Ph	CF ₃	

Compound N	A	B	R	m.p. (°C)
2918	2-Cl-4-SO ₂ MePh	2-trifluoromethyl-1,3,4-thiadiazol-5-yl	cyclopropyl	185
2919	2-Cl-4-SO ₂ MePh	1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl	cyclopropyl	
2920	4-Cl-Ph	2- <i>t</i> -butyl-1,3,4-oxadiazol-5-yl	CF ₃	166
2921	2-Me-6-CF ₃ pyridin-3-yl	2-methyltetrazol-5-yl	cyclopropyl	
2922	2-[(2-methoxyethoxy)methyl]-6-CF ₃ pyridin-3-yl	2-methyltetrazol-5-yl	cyclopropyl	oil
2923	2-Cl-4-SO ₂ MePh	2,5-dioxopyrrolidin-1-yl	cyclopropyl	
2924	2-Cl-4-SO ₂ MePh	2-oxopyridin-1(2H)-yl	cyclopropyl	
2925	2-Cl-4-SO ₂ MePh	2-oxoquinolin-1(2H)-yl	cyclopropyl	
2926	2-Cl-4-SO ₂ MePh	1,2-benzisoxazol-3-yl	cyclopropyl	
2927	2-Cl-4-SO ₂ MePh	2-oxo-1,3-benzoxazol-3(2H)-yl	cyclopropyl	
2928	2-Cl-4-SO ₂ MePh	3-oxo-2,3-dihydro-4H-1,4-benzoxazin-4-yl	cyclopropyl	
2929	2-Cl-4-SO ₂ MePh	2-oxopyrimidin-1(2H)-yl	cyclopropyl	
2930	2-Cl-4-SO ₂ MePh	1H-1,2,3-benzotriazol-1-yl	cyclopropyl	
2931	2-NO ₂ -4-SO ₂ MePh	2,5-dioxopyrrolidin-1-yl	cyclopropyl	
2932	2-NO ₂ -4-SO ₂ MePh	2-oxopyridin-1(2H)-yl	cyclopropyl	
2933	2-NO ₂ -4-SO ₂ MePh	2-oxoquinolin-1(2H)-yl	cyclopropyl	
2934	2-NO ₂ -4-SO ₂ MePh	1,2-benzisoxazol-3-yl	cyclopropyl	
2935	2-NO ₂ -4-SO ₂ MePh	2-oxo-1,3-benzoxazol-3(2H)-yl	cyclopropyl	
2936	2-NO ₂ -4-SO ₂ MePh	3-oxo-2,3-dihydro-4H-1,4-benzoxazin-4-yl	cyclopropyl	
2937	2-NO ₂ -4-SO ₂ MePh	2-oxopyrimidin-1(2H)-yl	cyclopropyl	
2938	2-NO ₂ -4-SO ₂ MePh	1H-1,2,3-benzotriazol-1-yl	cyclopropyl	

EXAMPLE 31

Determination of the herbicidal activity and phyto-toxicity in pre-emergence.

The herbicidal activity of the compounds of the invention in pre-emergence was evaluated according to the following operative procedures.

The plant species of interest (weeds or crops) were sown in pots with an upper diameter of 10 cm, a height of 10 cm and containing sandy soil. 10 pots were used for each plant species.

Water was added to each pot in such a quantity as to germinate the seeds. The pots were divided into two groups, each containing 5 pots for each weed or crop.

After one day from the sowing, the first set of pots was treated with a hydro-acetonic dispersion containing acetone at 10% in volume, the product under evaluation at the desired concentration and Tween 20 at 0.5%.

The second set was treated with a hydro-acetonic solution only, containing acetone at 10% in volume and Tween 20 at 0.5%, and was used as comparison (blank).

All pots were kept under observation in a conditioned environment under the following conditions:

- temperature: 24°C;
- relative humidity: 60%;
- photoperiod: 16 hours;

- light intensity: 10000 lux.

The pots were uniformly watered in order to ensure a sufficient humidity degree for a good development of the plants.

5 Fifteen days after the treatment, the herbicidal activity was evaluated on the basis of the following values, which refer to the damage percentage tested on the treated plants, with respect to the non-treated plants (blank):

- 10 - 0 = 0 - 10 % damage;
- 1 = 11 - 30 % damage;
- 2 = 31 - 50 % damage;
- 3 = 51 - 70 % damage;
- 4 = 71 - 90 % damage;
15 - 5 = 91 % damage - death of the plant.

Table 3 shows the results obtained by treating the plant species listed below with compounds 6, 7 and 11 with a dosage of 500 g/ha:

- Abutilon theophrasti (AT); Amaranthus retroflexus (AR);
20 Chenopodium album (CA); Galium aparine (GA); Ipomea
purpurea (IP); Portulaca oleracea (PO); Solanum nigrum
(SN); Stellaria media (SM).

Table 3: Pre-emergence herbicidal activity at rate of 500 g/ha

5	Plant species:	AT	AR	CA	GA	IP	PO	SN	SM
	Compound N° 6:	5	5	5	5	5	5	5	5
	Compound N° 7:	5	5	5	-	-	5	5	5
	Compound N° 11:	5	-	5	-	5	5	-	-
10									

EXAMPLE 32

Determination of the herbicidal activity and phytotoxicity in post-emergence.

The herbicidal activity of the compounds of the invention in post-emergence was evaluated according to the following operative procedures.

The plant species of interest (weeds or crops) were sown in pots with an upper diameter of 10 cm, a height of 10 cm and containing sandy soil. 10 pots were used for each plant species.

Water was added to each pot in such a quantity as to germinate the seeds. The pots were divided into two groups, each containing 5 pots for each weed or crop.

Fifteen days after sowing (ten, in the case of wheat), when the weeds and crops, according to the species, were 10-15 cm high, the first set of pots was treated with a hydro-acetonic dispersion containing

acetone at 10% in volume, the product under evaluation at the desired concentration and Tween 20 at 0.5%.

The second set was treated with a hydro-acetonic solution only, containing acetone at 10% in volume and
5 Tween 20 at 0.5%, and was used as comparison (blank).

All pots were kept under observation in a conditioned environment under the following conditions:

- temperature: 24°C;
- relative humidity: 60%;
- 10 - photo-period: 16 hours;
- light intensity: 10000 lux.

The pots were uniformly watered every other day so as to ensure a humidity degree sufficient for a good development of the plants.

15 The herbicidal activity was evaluated fifteen days after the treatment, on the basis of the following values which refer to the percentage of damage tested on the treated plants with respect to the non-treated plants (blank):

- 20 - 0 = 0 - 10 % damage;
- 1 = 11 - 30 % damage;
- 2 = 31 - 50 % damage;
- 3 = 51 - 70 % damage;
- 4 = 71 - 90 % damage;
- 25 - 5 = 91 % damage - death of the plant.

Table 4 shows the results obtained by treating the plant species listed below with compounds 6 and 11 with a dosage of 500 g/ha:

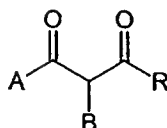
5 Abutilon theophrasti (AT); Chenopodium album (CA); Galium aparine (GA); Portulaca oleracea (PO); Solanum nigrum (SN); Stellaria media (SM).

Table 4: Post-emergence herbicidal activity at rate of 500 g/ha

10 Plant species:	AT	CA	GA	PO	SN	SM
Compound N° 6:	5	5	5	5	5	5
Compound N° 11:	5	5	-	-	5	-

CLAIMS

1. Derivatives of 1,3-diones having general formula (I):



5

(I)

wherein:

- A represents:

- 10 an aryl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, OH, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy
- 20 optionally substituted with a group selected from C₁-C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆ alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆

- haloalkoxyhaloalkoxyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
 alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
 haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
 5 haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
 C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
 C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
 haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
 C₈ haloalkenyloxyiminoalkyl, C₃-C₈
 10 alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
 C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
 cycloalkylideneiminooxyalkyl, C₆-C₁₂
 dialkylideneiminooxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
 -SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
 15 -NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
 -PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
 -(CR₂₄R₂₅)_pZQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
 -(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
 -Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
 20 or it represents a heterocyclic group selected from
 pyridyl, pyrimidyl, quinolinyl, pyrazolyl, thiazolyl,
 oxazolyl, thienyl, furyl, benzothienyl,
 dihydrobenzothienyl, benzofuranyl,
 dihydrobenzofuranyl, benzoxazolyl, benzoxazolonyl,
 25 benzothiazolyl, benzothiazolonyl, benzoimidazolyl,

benzoimidazolonyl, benzotriazolyl, chromanonyl,
 chromanyl, thiochromanonyl, thiochromanyl, 3a,4-
 dihydro-3*H*-indeno[1,2-*c*]isoxazolyl, 3a,4-dihydro-3*H*-
 chromeno[4,3-*c*]isoxazolyl, 5,5-dioxide-3a,4-dihydro-
 5 3*H*-thiochromeno[4,3-*c*]isoxazolyl, 2,3,3a,4-
 tetrahydrochromeno[4,3-*c*]pyrazolyl, 6,6-dioxide-2,3-
 dihydro-5*H*-[1,4]dithiino[2,3-*c*]thiochromenyl, 5,5-
 dioxide-2,3,3a,4-tetrahydrothiochromeno[4,3-
c]pyrazolyl, 1',1'-dioxide-2',3'-dihydrospiro[1,3-
 10 dioxolano-2,4'-thiochromen]-yl, 1,1,4,4-tetraoxide-
 2,3-dihydro-1,4-benzodithiin-6-yl, 4,4-dioxide-2,3-
 dihydro-1,4-benzoxathiin-7-yl, 1,1-dioxide-3-oxo-2,3-
 dihydro-1,2-benzoisothiazol-5-yl, 4-(alkoxyimino)-
 1,1-dioxide-3,4-dihydro-2*H*-thiochromen-6-yl, 1,1-
 15 dioxide-4-oxo-3,4-dihydro-2*H*-thiochromen-6-yl, 2,3-
 dihydro-1,4-benzoxathiin-7-yl,
 with said groups optionally substituted by one or
 more substituents selected from halogen, NO₂, CN,
 CHO, OH, linear or branched C₁-C₆ alkyl, linear or
 20 branched C₁-C₆ haloalkyl, linear or branched C₁-C₆
 alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆
 cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl,
 C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl,
 C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 25 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,

C_2-C_6 alkoxyalkoxyl or C_2-C_6 haloalkoxyalkoxyl
 optionally substituted with a group selected from C_1-
 C_4 alkoxy or C_1-C_4 haloalkoxy, C_2-C_6
 alkylthioalkoxyl, C_2-C_6 haloalkylthioalkoxyl, C_3-C_{12}
 5 dialkoxyalkyl, C_3-C_{12} dialkylthioalkyl, C_3-C_{12}
 dialkylthioalkoxyl, C_3-C_{12} dialkoxyalkoxyl, C_2-C_6
 haloalkoxyhaloalkoxyl, C_3-C_{10} alkoxyalkoxyalkyl, C_2-C_6
 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkenyloxy, C_2-C_6
 haloalkenyloxy, C_3-C_8 alkenyloxyalkoxyl, C_3-C_8
 10 haloalkenyloxyalkoxyl, C_2-C_6 alkynyl, C_2-C_6
 haloalkynyl, C_2-C_6 alkynyloxy, C_2-C_6 haloalkynyloxy,
 C_3-C_8 alkynyloxyalkoxyl, C_3-C_8 haloalkynyloxyalkoxyl,
 C_3-C_{12} acylaminoalkoxy, C_2-C_8 alkoxyiminoalkyl, C_2-C_8
 haloalkoxyiminoalkyl, C_3-C_8 alkenyloxyiminoalkyl, C_3-
 15 C_8 haloalkenyloxyiminoalkyl, C_3-C_8
 alkynyloxyiminoalkyl, C_3-C_8 haloalkynyloxyiminoalkyl,
 C_5-C_{10} alkoxyalkynyloxy, C_6-C_{12}
 cycloalkylideneiminoxyalkyl, C_6-C_{12}
 dialkylideneiminoxyalkyl, $-S(O)_mR_1$, $-OS(O)_tR_1$,
 20 $-SO_2NR_2R_3$, $-CO_2R_4$, $-COR_5$, $-CONR_6R_7$, $-CSNR_8R_9$,
 $-NR_{10}R_{11}$, $-NR_{12}COR_{13}$, $-NR_{14}CO_2R_{15}$, $-NR_{16}CONR_{17}R_{18}$,
 $-PO(R_{19})_2$, $-Q$, $-ZQ_1$, $-(CR_{20}R_{21})_pQ_2$, $-Z(CR_{22}R_{23})_pQ_3$,
 $-(CR_{24}R_{25})_pZQ_4$, $-(CR_{26}R_{27})_pZ(CR_{28}R_{29})_qQ_5$,
 $-(CR_{30}R_{31})_pZ(CR_{32}R_{33})_qZ_1Q_6$, $-Z_2(CR_{34}R_{35})_p(C=Y)T$,
 25 $-Z_3(CR_{36}R_{37})_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;

- B represents a $D-(R_x)_n$ group;
- R represents a hydrogen atom, a linear or branched C_1-C_6 alkyl group, a linear or branched C_1-C_6 haloalkyl group, a C_3-C_6 cycloalkyl or C_4-C_{12} cycloalkylalkyl group optionally substituted with halogen atoms or C_1-C_6 alkyl or C_1-C_6 thioalkyl or C_1-C_6 alkoxy or C_2-C_6 alkoxy carbonyl groups, C_2-C_6 alkenyl groups, C_2-C_6 alkynyl groups, the latter two groups, in turn, optionally substituted with halogen atoms, a C_5-C_6 cycloalkenyl group optionally substituted with halogen atoms or C_1-C_6 alkyl groups, an aryl or arylalkyl group optionally substituted;
- R_1 and R_{19} represent a C_1-C_6 alkyl group or a C_1-C_6 haloalkyl group, a C_3-C_6 cycloalkyl group, an aryl group optionally substituted by one or more substituents selected from halogen, NO_2 , CN, CHO, linear or branched C_1-C_6 alkyl, linear or branched C_1-C_6 haloalkyl, linear or branched C_1-C_6 alkoxy, linear or branched C_1-C_6 haloalkoxy, C_1-C_6 alkylsulfonyl, C_2-C_6 alkoxy carbonyl;
- m is equal to 0, 1 or 2;
- t is equal to 1 or 2;
- R_2 , R_3 , R_6 , R_7 , R_8 , R_9 , R_{10} , R_{11} , R_{17} and R_{18} , the same or different, represent a hydrogen atom, a linear or branched C_1-C_6 alkyl group in turn optionally

substituted with halogen atoms, a C₁-C₆ alkoxy group, a C₃-C₆ cycloalkyl group, an arylalkyl group or an aryl group, said arylalkyl and aryl groups also optionally substituted by one or more substituents
5 selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl, or they jointly represent a C₂-
10 C₅ alkylene group;

- R₄, R₅ and R₄₂ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms, a
15 Q₇ group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
20

- R₁₂, R₁₄ and R₁₆ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ cycloalkyl group, a C₁-C₆ alkoxy group, a C₁-C₆ haloalkoxy
25 group;

- R₁₃ and R₁₅ represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms, a
5 Q₇, NH₂, NHCN, NHNH₂, NHOH group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear
10 or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;
- R₂₀, R₂₁, R₂₂, R₂₃, R₂₄, R₂₅, R₂₆, R₂₇, R₂₈, R₂₉, R₃₀, R₃₁, R₃₂, R₃₃, R₃₄, R₃₅, R₃₆, R₃₇, R₃₈, R₃₉, R₄₀ and R₄₁, the same or different, represent a hydrogen atom, a
15 linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₁-C₆ alkoxyl group, or the two groups attached to the same carbon atom can be joined to each other by C₂-C₅ alkylene groups, the alkylene groups can in turn be
20 substituted with C₁-C₃ alkyl groups;
- Q, Q₁, Q₂, Q₃, Q₄, Q₅, Q₆ and Q₇ represent an aryl group, a C₃-C₆ cycloalkyl group, a C₅-C₆ cycloalkenyl group, a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl,
25 tetrazolyl, tetrazolonyl, isoxazolyl, furyl, thienyl,

pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl,
 pyrimidinyl, pyrimidinonyl, pyrazinyl, pyridazinyl,
 oxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl,
 isothiazolyl, benzoxazolyl, benzothiazolyl,
 5 isoxazolinyl, 1,3-dioxanyl, 1,4-dioxanyl, 1,3-
 dioxolanyl, tetrahydropyranyl, oxethanyl, oxyranyl,
 thiazolidinyl, oxazolidinyl, piperidinyl,
 piperidinonyl, piperazinyl, morpholinyl, thiazinyl,
 tetrahydrofuranlyl, dioxazolyl,
 10 tetrahydrofuroisoxazolyl, 2-oxa-3-
 azabicyclo[3.1.0]hex-3-enyl,
 said groups optionally substituted by one or more
 substituents selected from halogen, NO₂, OH, CN, CHO,
 linear or branched C₁-C₆ alkyl, linear or branched C₁-
 15 C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear
 or branched C₁-C₆ haloalkoxyl, C₁-C₆ cyanoalkyl, C₂-C₆
 alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆
 alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆
 haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 20 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxyl or C₂-C₆ haloalkoxyalkoxyl
 optionally substituted with a group selected from C₁-
 C₄ alkoxyl or C₁-C₄ haloalkoxyl, C₂-C₆
 alkylthioalkoxyl, C₂-C₆ haloalkylthioalkoxyl, C₃-C₁₂
 25 dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂

- dialkylthioalkoxyl, C₃-C₁₂ dialkoxyalkoxyl, C₂-C₆
haloalkoxyhaloalkoxyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
5 haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
10 C₈ haloalkenyloxyiminoalkyl, C₃-C₈
alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
cycloalkylideneiminooxyalkyl, C₆-C₁₂
dialkylideneiminooxyalkyl, aryl optionally
15 substituted, -S(O)_mR₁, -OS(O)_tR₁, -SO₂NR₂R₃,
-CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉, -NR₁₀R₁₁,
-NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈, -PO(R₁₉)₂,
-Z₂(CR₃₄R₃₅)_p(C=Y)T, -Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
- Z, Z₁, Z₂ = O, S(O)_r;
20 - Y = O, S;
- r is equal to 0, 1 or 2;
- p, q are equal to 1, 2, 3 or 4;
- v is equal to 0 or 1;
- Z₃ = O, S or a direct bond;

- T represents a hydrogen atom, a Z_4R_{42} group, a $NR_{43}R_{44}$ group, an aryl group or a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl, tetrazolyl, tetrazolonyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl, pyrimidinyl, piperidinyl, piperidinonyl, piperazinyl, morpholinyl, said groups optionally substituted by one or more substituents selected from halogen, NO_2 , OH, CN, CHO, linear or branched C_1-C_6 alkyl, linear or branched C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_5-C_6 cycloalkenyl, linear or branched C_1-C_6 alkoxy, linear or branched C_1-C_6 haloalkoxy, C_1-C_6 cyanoalkyl, C_2-C_6 alkoxyalkyl, C_2-C_6 alkylthioalkyl, C_2-C_6 alkylsulfinylalkyl, C_2-C_6 alkylsulfonylalkyl, C_2-C_6 haloalkoxyalkyl, C_2-C_6 haloalkylthioalkyl, C_2-C_6 haloalkylsulfinylalkyl, C_2-C_6 haloalkylsulfonylalkyl, $-S(O)_mR_1$;
- $Z_4 = O, S$ or a direct bond;
- R_{43} and R_{44} , the same or different, represent a hydrogen atom, a linear or branched C_1-C_6 alkyl group in turn optionally substituted with halogen atoms, a C_3-C_6 alkenyl group in turn optionally substituted with halogen atoms, a Q_7 group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO_2 , CN, CHO, linear or

branched C₁-C₆ alkyl, linear or branched C₁-C₆
haloalkyl, linear or branched C₁-C₆ alkoxyl, linear
or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl,
C₂-C₆ alkoxy carbonyl, or they jointly represent a C₂-
5 C₅ alkylene chain;

- D represents:

a heterocyclic group of the heteroaryl or
heterocyclic type, in all the above cases the
heterocycle can be mono or polycyclic and can be
10 connected to the rest of the structure either through
one of its carbon atoms or, when possible, through
one of its nitrogen atoms;

or it represents a mono or polycyclic aryl group, in
this latter case, the group can also be partially
15 saturated;

- R_x represents a substituent selected from hydrogen,
halogen, NO₂, CN, CHO, OH, linear or branched C₁-C₆
alkyl, linear or branched C₁-C₆ haloalkyl, linear or
branched C₁-C₆ alkoxyl, linear or branched C₁-C₆
20 haloalkoxyl, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆
alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆
alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆
haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-
C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxyl or C₂-
25 C₆ haloalkoxyalkoxyl optionally substituted with a

group selected from C₁-C₄ alkoxyl or C₁-C₄
 haloalkoxyl, C₂-C₆ haloalkylthioalkoxyl, C₃-C₁₂
 dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂
 dialkylthioalkoxyl, C₃-C₁₂ dialkoxyalkoxyl, C₂-C₆
 5 haloalkoxyhaloalkoxyl, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
 alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈
 haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
 haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
 10 C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
 C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
 haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
 C₈ haloalkenyloxyiminoalkyl, C₃-C₈
 alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
 15 C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
 cycloalkylideneiminooxyalkyl, C₆-C₁₂
 dialkylideneiminooxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
 -SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
 -NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
 20 -PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
 -(CR₂₄R₂₅)_pZQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
 -(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
 -Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
 if several R_x groups are present, these can be the
 25 same or different;

- n = 1-9;

excluding the following compounds having general formula (I) wherein A, B and R have the following meanings:

- 5 A=4-chlorophenyl, B=1-methylimidazol-2-yl, R=H;
A=4-nitrophenyl, B=1-(2-hydroxyethyl)-5-nitroimidazol-2-yl, R=H;
A=phenyl, B=1H-benzimidazol-2-yl, R=C₂H₅;
A=phenyl, B=4H-1-benzopyran-4-yl, R=CH₃;
- 10 A=4-nitrophenyl, B=3-(4-methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH₃;
A=phenyl, B=4-chloro-2,5-dioxo-2,5-dihydro-1H-pyrrol-3-yl, R=CH₃;
A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=C₂H₅;
- 15 A=2-hydroxy-4-methoxyphenyl, B=thiazol-4-yl, R=CH₃;
A=phenyl, B=2,5-diphenyl-1,3-oxathiol-2-yl, R=CH₃;
A=4-nitrophenyl, B=4,6-bis(dimethylamino)-1,3,5-triazin-2-yl, R=CH₃;
- 20 A=phenyl, B=furan-2-yl, R=CH₃;
A=phenyl, B=1,3-dithian-2-yl, R=CH₃;
A=phenyl, B=4-chlorothien-2-yl, R=H;
A=phenyl, B=5-bromothien-2-yl, R=H;
A=phenyl, B=5-methylthien-2-yl, R=H;
- 25 A=phenyl, B=6-phenylpyrazin-2-yl, R=CH₃;

- A=phenyl, B=3,4-dihydro-3-methyl-2-oxo-2H-1,3-benzoxazin-4-yl, R=CH₃;
- A=phenyl, B=benzothiazol-2-yl, R=CH₃;
- A=2-hydroxy-4-methoxyphenyl, B=2-phenylthiazol-4-yl,
- 5 R=CH₃;
- A=phenyl, B=5-methylfuran-2-yl, R=CH₃;
- A=phenyl, B=3-(4-methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH₃;
- A=phenyl, B=tetrahydrofuran-2-yl, R=CH₃;
- 10 A=phenyl, B=2,3-dihydro-3-hydroxy-2-oxo-1H-indol-3-yl, R=CH₃;
- A=phenyl, B=4-chloro-1-methyl-2,5-dioxo-2,5-dihydropyrrol-3-yl, R=CH₃;
- A=phenyl, B=2-trifluoroacetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=C₂H₅;
- 15 A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=CH₃;
- A=4-nitrophenyl, B=2-(4-nitrophenyl)-3,5,6-triphenylpyridin-4-yl, R=CH₃;
- 20 A=phenyl, B=4,6-bis(dimethylamino)-1,3,5-triazin-2-yl, R=CH₃;
- A=phenyl, B=4-methoxy-5-tert-butoxycarbonyl-1H-pyrro-2-yl, R=CH₃;
- A=phenyl, B=1,3-dihydro-3-oxo-isobenzofuran-1-yl,
- 25 R=CH₃;

- A=phenyl, B=(5-methoxycarbonylmethyl)thien-2-yl, R=H;
A=phenyl, B=4-methylthien-2-yl, R=H;
A=phenyl, B=1,4-dihydro-1-methyl-3-nitroquinolin-4-yl, R=H;
- 5 A=phenyl, B=thien-2-yl, R=H;
A=phenyl, B=6-methylbenzothiazol-2-yl, R=CH₃;
A=2-methoxycarbonylphenyl, B=phenyl, R=CH₃;
A=2-benzyloxy-4-methoxyphenyl, B=2,3,4-trimethoxyphenyl, R=H;
- 10 A=4,5-dimethoxy-2-nitrophenyl, B=3,4-dimethoxyphenyl, R=H;
A=2-nitrophenyl, B=phenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=4-methoxyphenyl, R=H;
A=4-bromophenyl, B=phenyl, R=H;
- 15 A=4-bromophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4-chlorophenyl, B=phenyl, R=H;
A=2,4-dibenzyloxy-5-methoxyphenyl, B=1,3-benzodioxol-5-yl, R=H;
A=2,4-dibenzyloxyphenyl, B=1,3-benzodioxol-5-yl, R=H;
- 20 A=4-methoxyphenyl, B=2-carboxyphenyl, R=H;
A=4-methylphenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4-hydroxy-3-methoxyphenyl, B=4-hydroxy-3-methoxyphenyl, R=H;
A=2-nitrophenyl, B=4-methylphenyl, R=H;
- 25 A=4-chlorophenyl, B=4-chlorophenyl, R=H;

- A=2,4-diacetoxyphenyl, B=phenyl, R=CH₃;
A=3-methoxyphenyl, B=phenyl, R=C₂R₅;
A=4-nitrophenyl, B=phenyl, R=H;
A=2-nitrophenyl, B=4-n-butoxyphenyl, R=H;
5 A=2-nitro-4-chlorophenyl, B=4-methylphenyl, R=H;
A=phenyl, B=8-carboxynaphthalenyl, R=CH₃;
A=2,5-dimethoxyphenyl, B=2-hydroxyphenyl, R=C₂R₅;
A=4-fluorophenyl, B=2-nitro-4-trifluoromethylphenyl,
R=CH₃;
10 A=3-chloro-4-methylphenyl, B=2,4-dinitrophenyl,
R=CH₃;
A=2-nitro-4-chlorophenyl, B=phenyl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-methylphenyl, R=H;
A=2-carboxy-6-nitrophenyl, B=phenyl, R=CH₃;
15 A=2,4,5-trimethoxyphenyl, B=3-methoxyphenyl, R=H;
A=phenyl, B=4-bromophenyl, R=H;
A=6-benzyloxy-2,3,4-trimethoxyphenyl, B=1,3-benzodioxol-5-yl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-methoxyphenyl,
20 R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2,4-dibenzyloxyphenyl, B=4-methoxyphenyl, R=H;
A=4-methylphenyl, B=4-methylphenyl, R=H;
A=4-dimethylaminophenyl, B=phenyl, R=H;
25 A=4-methoxyphenyl, B=phenyl, R=H;

- A=4,5-dichloro-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=phenyl, B=2,5-dimethoxycarbonylaminophenyl, R=CH₃;
A=4-hydroxy-4-methoxyphenyl, B=2-methoxyphenyl, R=H;
5 A=phenyl, B=4-methylphenyl, R=H;
A=2-nitrophenyl, B=4-ethoxyphenyl, R=H;
A=2-nitro-4-chlorophenyl, B=4-methoxyphenyl, R=H;
A=4-chlorophenyl, B=phenyl, R=C₂H₅;
A=2-t-butoxycarbonyl-5-ethyl-4-methoxyphenyl, B=2,3-
10 dihydro-7-methyl-1,4-benzodioxin-6-yl, R=t-butyl;
A=phenyl, B=2-nitro-4-trifluoromethylphenyl, R=CH₃;
A=3,4-dichlorophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=4-methylphenyl, R=H;
15 A=phenyl, B=anthracene-9-yl, R=CH₃;
A=phenyl, B=4-methoxyphenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=phenyl, R=H;
A=2,4-diacetoxyphenyl, B=2,4,5-trimethoxyphenyl,
R=CH₃;
20 A=2-hydroxyphenyl, B=phenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=phenyl, R=H;
A=4,5-dimethoxy-2-nitrophenyl, B=phenyl, R=H;
A=2,4-dinitrophenyl, B=phenyl, R=CH₃;
A=phenyl, B=phenyl, R=CH₃;
25 A=phenyl, B=4-dimethylaminophenyl, R=H;

- A=phenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=4-methylphenyl, R=H;
A=4-bromophenyl, B=phenyl, R=CH₃;
A=2-(4-methylphenylsulfonyloxy)-6-methoxyphenyl,
5 B=phenyl, R=H;
A=4-methylsulfonylphenyl, B=2-methoxyphenyl, R=CH₃;
A=4-methoxyphenyl, B=4-methoxyphenyl, R=CH₃;
A=phenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-nitrophenyl, R=H;
10 A=phenyl, B=phenyl, R=H;
A=2,4-dimethoxyphenyl, B=4-methoxyphenyl, R=H;
A=2-nitrophenyl, B=4-n-hexyloxyphenyl, R=H;
A=4-methoxy-2-nitrophenyl, B=4-methoxyphenyl, R=H;
A=phenyl, B=9-carboxyphenanthren-10-yl, R=CH₃;
15 A=phenyl, B=phenyl, R=CH₃;
A=3,4-dimethoxyphenyl, B=3,4-dimethoxyphenyl, R=H;
A=2,4-dimethoxyphenyl, B=phenyl, R=H;
A=phenyl, B=2-hydroxy-3,4,6-trimethyl-5-methoxyphenyl, R=CH₃;
20 A=4-chloro-2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2-nitrophenyl, B=4-chlorophenyl, R=H;
A=2,4,5-trimethoxyphenyl, B=3,4-dimethoxyphenyl, R=H;
A=4-chlorophenyl, B=2,4-dinitrophenyl, R=CH₃;
A=4,5-dichloro-2-nitrophenyl, B=phenyl, R=H;
25 A=4-methoxyphenyl, B=phenyl, R=CH₃;

A=2,4-dibenzyloxyphenyl, B=3,4-dimethoxyphenyl, R=H;

A=4-methylthiophenyl, B=4-methoxyphenyl, R=CH₃;

A=phenyl, B=phenyl, R=C₂H₅;

A=4-methoxyphenyl, B=2,4-dinitrophenyl, R=CH₃;

5 A=2-nitrophenyl, B=3-chlorophenyl, R=H;

A=2-nitrophenyl, B=3,4-dimethoxyphenyl, R=H;

A=4-methoxyphenyl, B=4-methoxyphenyl, R=H;

A=2-hydroxyphenyl, B=4-methoxyphenyl, R=H;

A=phenyl, B=2,5-bis(phenacylamino)phenyl, R=CH₃;

10 A=4-nitrophenyl, B=4-methylphenyl, R=H;

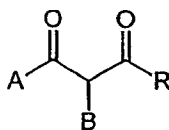
A=2-nitrophenyl, B=4-n-pentyloxyphenyl, R=H;

A=4-methoxy-2-nitrophenyl, B=4-chlorophenyl, R=H;

A=phenyl, B=2-carboxynaphthalen-1-yl, R=CH₃.

2. The derivatives according to claim 1,
15 characterized in that the compound having formula (I)
are present as tautomeric and/or isomeric forms, pure
or as blends of tautomeric and/or isomeric forms, in
any proportion whatsoever.

3. Use of derivatives of 1,3-diones having
20 general formula (I):



(I)

wherein:

- A represents:

an aryl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, OH,
 5 linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfanylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfanylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy possibly substituted with a C₁-C₄ alkoxy or C₁-C₄ haloalkoxy group, C₂-C₆ alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈ haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy, C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy, C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈ haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-C₈ haloalkenyloxyiminoalkyl,

- C_3-C_8 alkynyloxyiminoalkyl, C_3-C_8
 haloalkynyloxyiminoalkyl, C_5-C_{10} alkoxyalkynyloxy,
 C_6-C_{12} cycloalkylideneiminooxyalkyl, C_6-C_{12}
 dialkylideneiminooxyalkyl, $-S(O)_mR_1$, $-OS(O)_tR_1$,
 5 $-SO_2NR_2R_3$, $-CO_2R_4$, $-COR_5$, $-CONR_6R_7$, $-CSNR_8R_9$,
 $-NR_{10}R_{11}$, $-NR_{12}COR_{13}$, $-NR_{14}CO_2R_{15}$, $-NR_{16}CONR_{17}R_{18}$,
 $-PO(R_{19})_2$, $-Q$, $-ZQ_1$, $-(CR_{20}R_{21})_pQ_2$, $-Z(CR_{22}R_{23})_pQ_3$,
 $-(CR_{24}R_{25})_pZQ_4$, $-(CR_{26}R_{27})_pZ(CR_{28}R_{29})_qQ_5$,
 $-(CR_{30}R_{31})_pZ(CR_{32}R_{33})_qZ_1Q_6$, $-Z_2(CR_{34}R_{35})_p(C=Y)T$,
 10 $-Z_3(CR_{36}R_{37})_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;
 or represents a heterocyclic group selected from
 pyridyl, pyrimidyl, quinolinyl, pyrazolyl, thiazolyl,
 oxazolyl, thienyl, furyl, benzothienyl,
 dihydrobenzothienyl, benzofuranyl,
 15 dihydrobenzofuranyl, benzoxazolyl, benzoxazolonyl,
 benzothiazolyl, benzothiazolonyl, benzoimidazolyl,
 benzoimidazolonyl, benzotriazolyl, chromanonyl,
 chromanyl, thiochromanonyl, thiochromanyl, 3a,4-
 dihydro-3H-indeno[1,2-c]isoxazolyl, 3a,4-dihydro-3H-
 20 chromeno[4,3-c]isoxazolyl, 5,5-dioxide-3a,4-dihydro-
 3H-thiochromeno[4,3-c]isoxazolyl, 2,3,3a,4-
 tetrahydrochromeno[4,3-c]pyrazolyl, 6,6-dioxide-2,3-
 dihydro-5H-[1,4]dithiino[2,3-c]thiochromenyl, 5,5-
 dioxide-2,3,3a,4-tetrahydrothiochromeno[4,3-
 25 c]pyrazolyl, 1',1'-dioxide-2',3'-dihydrospiro[1,3-

dioxolane-2,4'-thiochromen]-yl, 1,1,4,4-tetraoxide-
 2,3-dihydro-1,4-benzodithiin-6-yl 4,4-dioxide-2,3-
 dihydro-1,4-benzoxathiin-7-yl, 1,1-dioxide-3-oxo-2,3-
 dihydro-1,2-benzoisothiazol-5-yl, 4-(alkoxyimino)-
 5 1,1-dioxide-3,4-dihydro-2H-thiochromen-6-yl, 1,1-
 dioxide-4-oxo-3,4-dihydro-2H-thiochromen-6-yl, 2,3-
 dihydro-1,4-benzoxathiin-7-yl,
 with all these groups possibly substituted by one or
 more substituents selected from halogen, NO₂, CN,
 10 CHO, OH, linear or branched C₁-C₆ alkyl, linear or
 branched C₁-C₆ haloalkyl, linear or branched C₁-C₆
 alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆
 cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl,
 C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl,
 15 C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxyl or C₂-C₆ haloalkoxyalkoxyl,
 possibly substituted with a C₁-C₄ alkoxyl or C₁-C₄
 haloalkoxyl group, C₂-C₆ alkylthioalkoxyl, C₂-C₆
 20 haloalkylthioalkoxyl, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂
 dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxyl, C₃-C₁₂
 dialkoxyalkoxyl, C₂-C₆ haloalkoxyhaloalkoxyl, C₃-C₁₀
 alkoxyalkoxyalkyl, C₂-C₆ alkenyl,
 C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
 25 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxyl, C₃-C₈

- haloalkenyloxyalkoxyl, C₂-C₆ alkynyl, C₂-C₆
haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
C₃-C₈ alkynyloxyalkoxyl, C₃-C₈ haloalkynyloxyalkoxyl,
C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈
5 haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-
C₈ haloalkenyloxyiminoalkyl, C₃-C₈
alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl,
C₅-C₁₀ alkoxyalkynyloxy, C₆-C₁₂
cycloalkylideneiminooxyalkyl, C₆-C₁₂
10 dialkylideneiminooxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
-SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
-NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
-PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
-(CR₂₄R₂₅)_pZQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
15 -(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
-Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
- B represents a D-(R_x)_n group;
- R represents a hydrogen atom, a linear or
branched C₁-C₆ alkyl group, a linear or branched C₁-C₆
20 haloalkyl group, a C₃-C₆ cycloalkyl group or a C₄-C₁₂
cycloalkylalkyl group possibly substituted with
halogen atoms or C₁-C₆ alkyl or C₁-C₆ thioalkyl or C₁-
C₆ alkoxy or C₂-C₆ alkoxy carbonyl groups, alkenyl C₂-
C₆ groups, alkynyl C₂-C₆ groups, the latter two
25 groups, in turn, possibly substituted with halogen

atoms, a C₅-C₆ cycloalkenyl group possibly substituted with halogen atoms or C₁-C₆ alkyl groups, an aryl or arylalkyl group optionally substituted;

- R₁ and R₁₉, represent a C₁-C₆ alkyl or C₁-C₆ haloalkyl group, a C₃-C₆ cycloalkyl group, an aryl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy-carbonyl;

- m is equal to 0, 1 or 2;

- t is equal to 1 or 2;

- R₂, R₃, R₆, R₇, R₈, R₉, R₁₀, R₁₁, R₁₇ and R₁₈, the same or different, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₁-C₆ alkoxy group, a C₃-C₆ cycloalkyl group, an arylalkyl group or an aryl group, said arylalkyl or aryl groups also optionally substituted with one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl,

C₂-C₆ alkoxy carbonyl or, together, represent a C₂-C₅ alkylenic chain;

- R₄, R₅ and R₄₂, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₃-C₆ alkenyl group in turn possibly substituted with halogen atoms, a Q₇ group, an arylalkyl group possibly substituted with one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy carbonyl;

- R₁₂, R₁₄ and R₁₆, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₃-C₆ cycloalkyl group, a C₁-C₆ alkoxy group, a C₁-C₆ haloalkoxy group;

- R₁₃ and R₁₅, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn possibly substituted with halogen atoms, a C₃-C₆ alkenyl group, in turn possibly substituted with halogen atoms, a Q₇ group, NH₂, NHCN, NHNH₂, NHOH, an arylalkyl group possibly substituted with one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-

C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxycarbonyl;

- R₂₀, R₂₁, R₂₂, R₂₃, R₂₄, R₂₅, R₂₆, R₂₇, R₂₈, R₂₉, R₃₀, R₃₁,
5 R₃₂, R₃₃, R₃₄, R₃₅, R₃₆, R₃₇, R₃₈, R₃₉, R₄₀ and R₄₁, the same or different, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₁-C₆ alkoxyl group, or the two groups attached to the same
10 carbon atom can be joined to each other by C₂-C₅ alkylene groups, the alkylene groups can in turn be substituted with C₁-C₃ alkyl groups;

- Q, Q₁, Q₂, Q₃, Q₄, Q₅, Q₆ and Q₇ represent an aryl group, a C₃-C₆ cycloalkyl group, C₅-C₆ cycloalkenyl, a
15 heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolydinonyl, tetrazolyl, tetrazolonyl, isoxazolyl, furyl, thienyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl, pyrimidinyl, pyrimidinonyl, pyrazinyl, pyridazinyl,
20 oxazolyl, thiazolyl, oxadiazolyl, thiadiazolyl, isothiazolyl, benzoxazolyl, benzothiazolyl, isoxazoliny, 1,3-dioxanyl, 1,4-dioxanyl, 1,3-dioxolanyl, tetrahydropyranyl, oxethanyl, oxyranyl, thiazolidinyl, oxazolidinyl, piperidinyl,
25 piperidinonyl, piperazinyl, morpholinyl, thiazinyl,

tetrahydrofuranyl, dioxazolyl,
 tetrahydrofuroisoxazolyl, 2-oxa-3-
 azabicyclo[3.1.0]hex-3-enyl,
 said groups optionally substituted by one or more
 5 substituents selected from halogen, NO₂, CN, CHO,
 linear or branched C₁-C₆ alkyl, linear or branched C₁-
 C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear
 or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆
 alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆
 10 alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆
 haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆
 haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl,
 C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy
 optionally substituted with a group selected from C₁-
 15 C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆
 alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂
 dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂
 dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆
 haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆
 20 alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆
 haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈
 haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆
 haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆ haloalkynyloxy,
 C₃-C₈ alkynyloxyalkoxy, C₃-C₈ haloalkynyloxyalkoxy,
 25 C₃-C₁₂ acylaminoalkoxy, C₂-C₈ alkoxyiminoalkyl, C₂-C₈

- haloalkoxyiminoalkyl, C₃-C₈ alkenyloxyiminoalkyl, C₃-C₈ haloalkenyloxyiminoalkyl, C₃-C₈ alkynyloxyiminoalkyl, C₃-C₈ haloalkynyloxyiminoalkyl, C₅-C₁₀ alkoxyalkynyloxyl, C₆-C₁₂ cycloalkylideneiminooxyalkyl, C₆-C₁₂ dialkylideneiminooxyalkyl, aryl optionally substituted, -S(O)_mR₁, -OS(O)_tR₁, -SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉, -NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈, -PO(R₁₉)₂,
 10 -Z₂(CR₃₄R₃₅)_p(C=Y)T, -Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
 - Z, Z₁, Z₂ = O, S(O)_r;
 - Y = O, S;
 - r is equal to 0, 1 or 2;
 - p, q are equal to 1, 2, 3 or 4;
 15 - v is equal to 0 or 1;
 - Z₃ = O, S or a direct bond;
 - T represents a hydrogen atom, a Z₄R₄₂ group, a -NR₄₃R₄₄ group, an aryl group or a heterocyclic group selected from triazolyl, triazolonyl, pyrazolyl, imidazolyl, imidazolidinonyl, tetrazolyl, tetrazolonyl, pyrrolyl, pyrrolidinyl, pyrrolidinonyl, pyridyl, pyrimidinyl, piperidinyl, piperidinonyl, piperazinyl, morpholinyl, said groups optionally substituted by one or more substituents selected from
 25 halogen, NO₂, OH, CN, CHO, linear or branched C₁-C₆

- alkyl, linear or branched C₁-C₆ haloalkyl, C₃-C₆ cycloalkyl, C₅-C₆ cycloalkenyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, -S(O)_mR₁;
- Z₄ = O, S or a direct bond;
- 10 - R₄₃ and R₄₄, the same or different, represent a hydrogen atom, a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms, a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms, a Q₇ group, an arylalkyl group
- 15 optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl,
- 20 C₂-C₆ alkoxycarbonyl, or they jointly represent a C₂-C₅ alkylene chain;
- D represents:
- a heterocyclic group of the heteroaryl or heterocyclic type, in all the above cases the
- 25 heterocycle can be mono or polycyclic and can be

connected to the rest of the structure either through one of its carbon atoms or, when possible, through one of its nitrogen atoms;

or it represents a mono or polycyclic aryl group, in this latter case, the group can also be partially saturated;

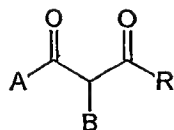
- R_x represents a substituent selected from hydrogen, halogen, NO₂, CN, CHO, OH, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxy, linear or branched C₁-C₆ haloalkoxy, C₁-C₆ cyanoalkyl, C₂-C₆ alkoxyalkyl, C₂-C₆ alkylthioalkyl, C₂-C₆ alkylsulfinylalkyl, C₂-C₆ alkylsulfonylalkyl, C₂-C₆ haloalkoxyalkyl, C₂-C₆ haloalkylthioalkyl, C₂-C₆ haloalkylsulfinylalkyl, C₂-C₆ haloalkylsulfonylalkyl, C₂-C₆ alkoxyalkoxy or C₂-C₆ haloalkoxyalkoxy optionally substituted with a group selected from C₁-C₄ alkoxy or C₁-C₄ haloalkoxy, C₂-C₆ alkylthioalkoxy, C₂-C₆ haloalkylthioalkoxy, C₃-C₁₂ dialkoxyalkyl, C₃-C₁₂ dialkylthioalkyl, C₃-C₁₂ dialkylthioalkoxy, C₃-C₁₂ dialkoxyalkoxy, C₂-C₆ haloalkoxyhaloalkoxy, C₃-C₁₀ alkoxyalkoxyalkyl, C₂-C₆ alkenyl, C₂-C₆ haloalkenyl, C₂-C₆ alkenyloxy, C₂-C₆ haloalkenyloxy, C₃-C₈ alkenyloxyalkoxy, C₃-C₈ haloalkenyloxyalkoxy, C₂-C₆ alkynyl, C₂-C₆ haloalkynyl, C₂-C₆ alkynyloxy, C₂-C₆

haloalkynyloxy, C₃-C₈ alkynyloxyalkoxyl, C₃-C₈
haloalkynyloxyalkoxyl, C₃-C₁₂ acylaminoalkoxy, C₂-C₈
alkoxyiminoalkyl, C₂-C₈ haloalkoxyiminoalkyl, C₃-C₈
alkenyloxyiminoalkyl, C₃-C₈ haloalkenyloxyiminoalkyl,
5 C₃-C₈ alkynyloxyiminoalkyl, C₃-C₈
haloalkynyloxyiminoalkyl, C₅-C₁₀ alkoxyalkynyloxy,
C₆-C₁₂ cycloalkylideneiminoxyalkyl, C₆-C₁₂
dialkylideneiminoxyalkyl, -S(O)_mR₁, -OS(O)_tR₁,
-SO₂NR₂R₃, -CO₂R₄, -COR₅, -CONR₆R₇, -CSNR₈R₉,
10 -NR₁₀R₁₁, -NR₁₂COR₁₃, -NR₁₄CO₂R₁₅, -NR₁₆CONR₁₇R₁₈,
-PO(R₁₉)₂, -Q, -ZQ₁, -(CR₂₀R₂₁)_pQ₂, -Z(CR₂₂R₂₃)_pQ₃,
-(CR₂₄R₂₅)_pQ₄, -(CR₂₆R₂₇)_pZ(CR₂₈R₂₉)_qQ₅,
-(CR₃₀R₃₁)_pZ(CR₃₂R₃₃)_qZ₁Q₆, -Z₂(CR₃₄R₃₅)_p(C=Y)T,
-Z₃(CR₃₆R₃₇)_v(CR₃₈R₃₉=CR₄₀R₄₁)(C=Y)T;
15 if several R_x groups are present, these can be the
same or different;
- n = 1-9;
and of the relevant salts which have agronomical
compatibility, as herbicides.

20 4. Use according to claim 3, for the control
under pre-emergence and post-emergence of
monocotyledon and dicotyledon weeds.

5. Use of derivatives of 1,3-diones having general
formula (I):

25



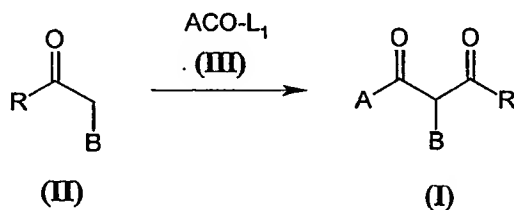
(I)

wherein:

5 - A, B and R have the meanings defined according to claim 3, and of the relevant salts pharmaceutically acceptable as medicaments.

6. A process for the preparation of the compounds having general formula (I) according to any
10 of the claims 1 to 3, characterized in that it includes a reaction of a carbonyl compound having general formula (II) with a compound having general formula (III), according to the reaction scheme 1

Scheme 1:



15

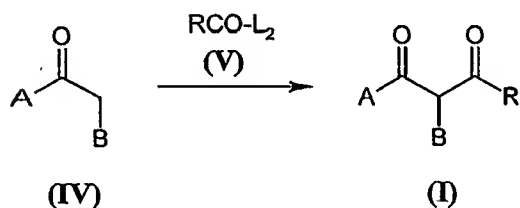
wherein

- A, B and R have the meanings previously defined;
- L₁ represents a suitable leaving group such as, for example, a halogen atom, a CN group, an imidazol-
20 1-yl group, an R_LO- group wherein R_L represents a C₁-C₄ alkyl group or a phenyl group optionally

substituted, or it represents an $R_{L1}COO^-$ group wherein R_{L1} represents a hydrogen atom, a C_1-C_4 alkyl or haloalkyl group, a phenyl group optionally substituted or an A group.

5 7. The process for the preparation of the compounds having general formula (I) according to any of the claims 1 to 3, characterized in that it includes a reaction of a carbonyl compound having general formula (IV) with a compound having general
10 formula (V), according to the reaction scheme 2

Scheme 2:

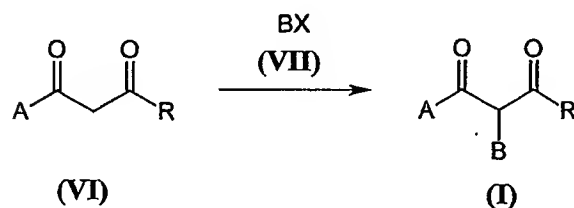


wherein

- A, B and R have the meanings previously defined;
- L_2 represents a suitable leaving group such as,
15 for example, a halogen atom, a CN group, an imidazol-1-yl group, an $R_L O^-$ group wherein R_L represents a C_1-C_4 alkyl group or a phenyl group optionally substituted, or it represents an $R_{L1}COO^-$ group wherein R_{L1} represents a hydrogen atom, a C_1-C_4 alkyl
20 or haloalkyl group, a phenyl group optionally substituted or an R group.

8. The process for the preparation of the compounds having general formula (I) according to any of the claims 1 to 3, characterized in that it includes a reaction of a 1,3-dicarbonyl compound
 5 having general formula (VI) with a compound having general formula (VII), according to the reaction scheme 3

Scheme 3:



wherein

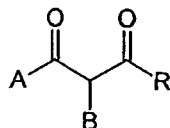
- 10 - A, B and R have the meanings previously defined;
 - X represents a halogen atom, an R_{L2}SO₂O- group, wherein R_{L2} represents a C₁-C₄ alkyl or haloalkyl group, a phenyl group optionally substituted by C₁-C₄ alkyl groups, or it represents an R_{L3}SO₂- group,
 15 wherein R_{L3} represents a C₁-C₄ alkyl or haloalkyl group.

9. The process according to any of the claims from 6 to 8, characterized in that the reaction is carried out in the presence of one or more inert
 20 organic solvents and in the presence of an organic or

inorganic base, at a temperature ranging from -80°C to the boiling temperature of the reaction mix.

10. The process according to claim 9, characterized in that the reaction is carried out in two separate phases.

11. A method for the control of weeds in agricultural crops, by the application of compounds having general formula (I):



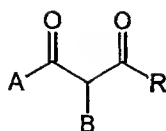
(I)

wherein:

- A, B and R have the meanings according to claim 3.

12. The method according to claim 11, characterized in that the quantity of compound having formula (I) to be applied ranges from 1 g to 4,000 g per hectare.

13. Herbicidal compositions containing, as active principle, one or more compounds having general formula (I):



(I)

wherein:

5 - A, B and R have the meanings according to claim 3, possibly also as a blend of tautomers and/or isomers.

14. The herbicidal compositions according to claim 13, including other active principles
10 compatible with the compounds having general formula (I), such as other herbicides, fungicides, insecticides, acaricides, fertilizers, etc..

15. The herbicidal compositions according to claim 14, characterized in that the additional
15 herbicides are selected from:

acetochlor, acifluorfen, aclonifen, AKH-7088,
alachlor, alloxydim, ametryn, amicarbazone,
amidosulfuron, amitrole, anilofos, asulam, atrazine,
azafenidin, azimsulfuron, aziprotryne, BAS 670 H, BAY
20 MKH 6561, beflubutamid, benazolin, benfluralin,
benfuresate, bensulfuron, bensulide, bentazone,
benzfendizone, benzobicyclon, benzofenap,
benzthiazuron, bifenox, bilanafos, bispyribac-sodium,
bromacil, bromobutide, bromofenoxim, bromoxynil,

butachlor, butafenacil, butamifos, butenachlor,
butralin, butroxydim, butylate, cafenstrole,
carbetamide, carfentrazone-ethyl, chlomethoxyfen,
chloramben, chlorbromuron, chlorbufam, chlorflurenol,
5 chloridazon, chlorimuron, chlornitrofen,
chlorotoluron, chloroxuron, chlorpropham,
chlorsulfuron, chlorthal, chlorthiamid, cinidon
ethyl, cinmethylin, cinosulfuron, clethodim,
clodinafop, clomazone, clomeprop, clopyralid,
10 cloransulam-methyl, cumyluron (JC-940), cyanazine,
cycloate, cyclosulfamuron, cycloxydim, cyhalofop-
butyl, 2,4-D, 2,4-DB, daimuron, dalapon, desmedipham,
desmetryn, dicamba, dichlobenil, dichlorprop,
dichlorprop-P, diclofop, diclosulam, diethatyl,
15 difenoxuron, difenzoquat, diflufenican,
diflufenzopyr, dimefuron, dimepiperate, dimethachlor,
dimethametryn, dimethenamid, dinitramine, dinosseb,
dinoseb acetate, dinoterb, diphenamid, dipropetryn,
diquat, dithiopyr, 1-diuron, eglinazine, endothal,
20 EPTC, espropcarb, ethalfluralin, ethametsulfuron-
methyl, ethidimuron, ethiozin (SMY 1500),
ethofumesate, ethoxyfen-ethyl (HC-252),
ethoxysulfuron, etobenzanid (HW 52), fenoxaprop,
fenoxaprop-P, fentrazamide, fenuron, flamprop,
25 flamprop-M, flazasulfuron, florasulam, fluazifop,

fluazifop-P, fluazolate (JV 485), flucarbazone-sodium, fluchloralin, flufenacet, flufenpyr ethyl, flumetsulam, flumiclorac-pentyl, flumioxazin, flumipropin, fluometuron, fluoroglycofen,
5 fluoronitrofen, flupoxam, fluproanate, flupyrsulfuron, flurenol, fluridone, flurochloridone, fluroxypyr, flurtamone, fluthiacet-methyl, fomesafen, foramsulfuron, fosamine, furyloxyfen, glufosinate, glyphosate, halosulfuron-methyl, haloxyfop,
10 haloxyfop-P-methyl, hexazinone, imazamethabenz, imazamox, imazapic, imazapyr, imazaquin, imazethapyr, imazosulfuron, indanofan, iodosulfuron, ioxynil, isopropalin, isoproturon, isouron, isoxaben, isoxachlortole, isoxaflutole, isoxapyrifop, KPP-421,
15 lactofen, lenacil, linuron, LS830556, MCPA, MCPA-thioethyl, MCPB, mecoprop, mecoprop-P, mefenacet, mesosulfuron, mesotrione, metamitron, metazachlor, methabenzthiazuron, methazole, methoprotryne, methyldymron, metobenzuron, metobromuron,
20 metolachlor, S-metolachlor, metosulam, metoxuron, metribuzin, metsulfuron, molinate, monalide, monolinuron, naproanilide, napropamide, naptalam, NC-330, neburon, nicosulfuron, nipyraclufen, norflurazon, orbencarb, oryzalin, oxadiargyl,
25 oxadiazon, oxasulfuron, oxaziclomefone, oxyfluorfen,

paraquat, pebulate, pendimethalin, penoxsulam,
pentanochlor, pentoxazone, pethoxamid,, phenmedipham,
picloram, picolinafen, piperophos, pretilachlor,
primisulfuron, prodiamine, profluazol, proglinazine,
5 prometon, prometryne, propachlor, propanil,
propaquizafop, propazine, propham, propisochlor,
propyzamide, prosulfocarb, prosulfuron, pyraclonil,
pyraflufen-ethyl, pyrazogyl (HAS-961), pyrazolynate,
pyrazosulfuron, pyrazoxyfen, pyribenzoxim,
10 pyributicarb, pyridafol, pyridate, pyriftalid,
pyriminobac-methyl, pyriithiobac-sodium, quinclorac,
quinmerac, quizalofop, quizalofop-P, rimsulfuron,
sethoxydim, siduron, simazine, simetryn, sulcotrione,
sulfentrazone, sulfometuron-methyl, sulfosulfuron,
15 2,3,6-TBA, TCA-sodium, tebutam, tebuthiuron,
tepraloxydim, terbacil, terbumeton, terbuthyl-azine,
terbutryn, thenylchlor, thiazafluron, thiazopyr,
thidiazimin, thifensulfuron-methyl, thiobencarb,
tiocarbazil, tioclorim, tralkoxydim, tri-allate,
20 triasulfuron, triaziflam, tribenuron, triclopyr,
trietazine, trifloxysulfuron, trifluralin,
triflusulfuron-methyl, tritosulfuron, UBI-C4874,
vernolate.

16. The compositions according to any of the claims 13-15, characterized in that the concentration of active substance ranges from 1 to 90%.